

Converting Colors

XYZ(86.7092, 94.5764,
105.6928)

Have a look what the booklet for
XYZ(86.7092, 94.5764, 105.6928)
contains.

XYZ(86.6420, 94.3112, 105.7328)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(86.6420, 94.3112,
105.7328)**

Conversions

Conversions Part 1

Format	Color
Hex	EBFCFC
RGB	235, 252, 252
RGB Percent	92%, 99%, 99%
CMY	0.0784, 0.0117, 0.0118
CMYK	0.07, 0.00, 0.00, 0.01
HSL	180°, 74%, 95%
HSV	180°, 7%, 99%
XYZ	86.6420, 94.3112, 105.7328
YIQ	246.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

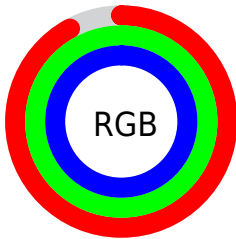
Format	Color
R _Y B	235, 244, 252
Decimal	15465724
CIE Lab	97.76, -5.53, -1.92
CIE LCh	98, 5.852, 199.144
Yxy	94.3112, 0.3022, 0.3290
Android (android.graphics.Color)	4293655804 (0xFFEBFCFC)
YUV	246.9170, 2.5059, -10.4512
Hunter-Lab	97.1140, -10.6974, 3.4278

Details

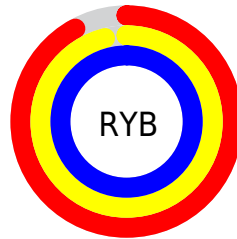
The XYZ color **86.6420, 94.3112, 105.7328** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.8520, 86.1127, 90.7509**, and the grayscale version is **88.3291, 92.9291, 101.1997**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.9558, 52.5540, 59.2462** is the 20% darker color. If you saturate the color by 10%, you get **78.9040, 90.3248, 105.3679**, and if you desaturate by 10%, it is **93.6240, 97.9131, 106.0662**.

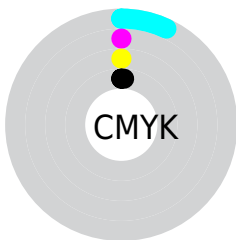
Distribution



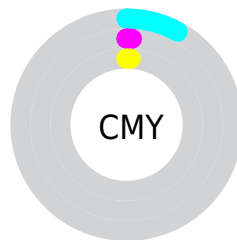
- Red (92%)
- Green (99%)
- Blue (99%)



- Red (92%)
- Yellow (96%)
- Blue (99%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)



- Cyan (8%)
- Magenta (1%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.6420, 94.3112, 105.7328 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 86.6420, 94.3112, 105.7328 by changing the saturation by 10% instead.

86.6420, 94.3112,
105.7328

86.6420, 94.3112,
105.7328

505.4480,
541.9575, 599.8233

65.5260, 71.5618,
80.4533

141.5673,
153.3127, 171.1336

48.1540, 52.8008,
59.5631

176.1073,
190.3335, 212.0921

34.1606, 37.6438,
42.6436

215.8527,
232.8803, 259.1139

23.1805, 25.7063,
29.2762

261.1688,
281.3375, 312.6178

14.8483, 16.6041,
19.0425

312.4211,
336.0894, 373.0221

8.7986, 9.9526,
11.5239

369.9748,

4.6661, 5.3675,

397.5204, 440.7454

6.3018

434.1953,
466.0150, 516.2063

■ 2.0854, 2.4645,
2.9577

■ 0.6813, 0.8588,
1.0731

■ 86.6420, 94.3112,
105.7328

■ 86.6420, 94.3112,
105.7328

■ 78.9040, 90.3248,
105.3679

■ 93.6240, 97.9131,
106.0662

■ 72.2927, 86.9167,
105.0538


■ 93.6249, 97.9134,
106.0710


■ 66.7580, 84.0635,
104.7900


■ 93.6258, 97.9138,
106.0758


■ 62.2429, 81.7360,
104.5740


■ 93.6267, 97.9141,
106.0805

 58.6852, 79.9020,
104.4028


 93.6276, 97.9145,
106.0853


 56.0158, 78.5261,
104.2731

 93.6285, 97.9149,
106.0901

 54.1567, 77.5677,
104.1814

 93.6294, 97.9152,
106.0948

 53.0159, 76.9797,
104.1233

 93.6304, 97.9156,
106.0996

 52.4776, 76.7023,
104.0934

 93.6313, 97.9160,
106.1044

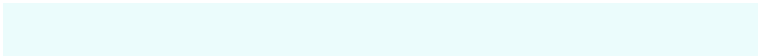
Harmonies

Analogous

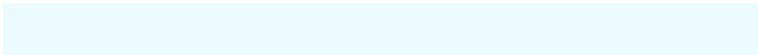
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.5247, 94.3112, 100.9673



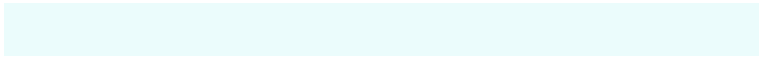
86.6420, 94.3112, 105.7328



87.5568, 94.3112, 109.7992

Triad

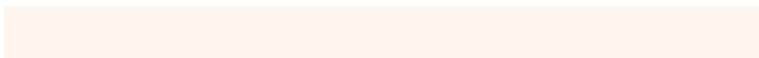
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.6420, 94.3112, 105.7328



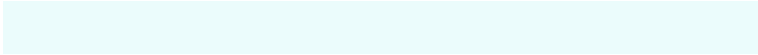
92.0895, 94.3112, 108.8199



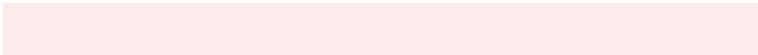
90.2458, 94.3112, 93.9235

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



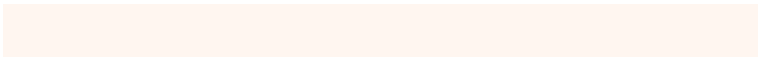
86.6420, 94.3112, 105.7328



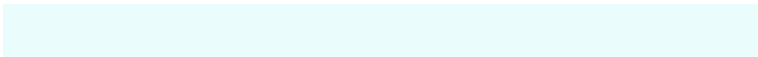
84.8520, 86.1127, 90.7509

Split Complementary

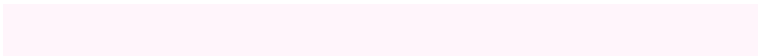
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.7559, 94.3112, 95.8923



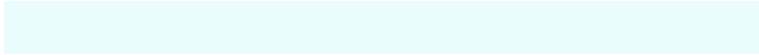
86.6420, 94.3112, 105.7328



92.8291, 94.3112, 104.4299

Square

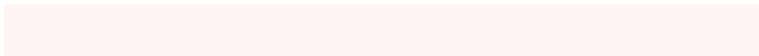
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.6420, 94.3112, 105.7328



90.6966, 94.3112, 111.6194



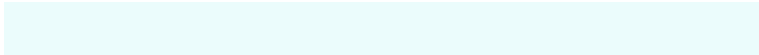
92.7063, 94.3112, 99.7039



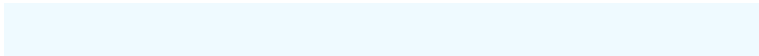
88.5916, 94.3112, 94.2478

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



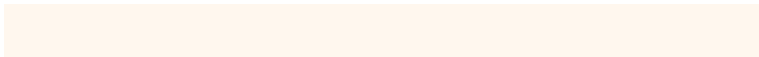
86.6420, 94.3112, 105.7328



88.5021, 94.3112, 111.5201



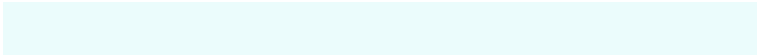
92.7063, 94.3112, 99.7039



90.7875, 94.3112, 94.3366

Sweetspot

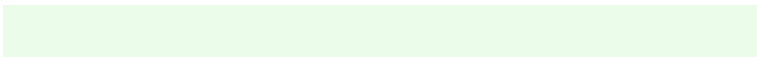
The Sweet Spot groups the original color and five complimentary colors.



86.6447, 94.3152, 105.7349



93.1983, 99.0454, 108.8124



84.1631, 93.3333, 92.1780



19.9677, 21.2098, 23.2912



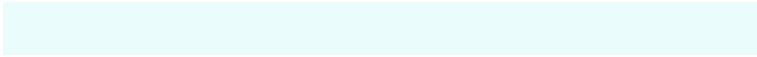
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

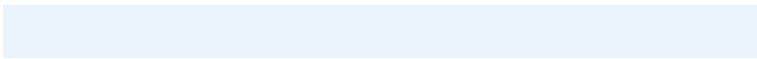
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.6447, 94.3152, 105.7349



87.9383, 96.3339, 108.5633



84.1198, 89.2645, 104.8963



17.7657, 19.6086, 22.2328



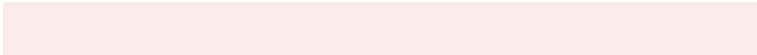
27.2813, 39.9255, 54.2178



2.5268, 3.6978, 5.0218

Inverse Universe

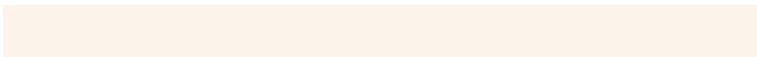
The Inverse Universe completely reimagines the original color for something new.



84.8520, 86.1127, 90.7509



85.7723, 86.4232, 90.4588



87.2592, 90.9279, 91.5505



17.2448, 17.2253, 17.8791



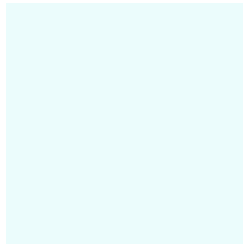
20.9122, 10.7806, 0.9799



1.9369, 0.9985, 0.0910

Previews

White Background



This preview shows how the XYZ color 86.6420, 94.3112, 105.7328 looks on a white background.

Color Contrast Check

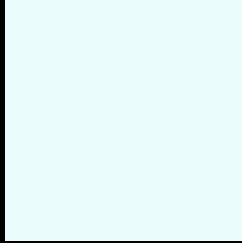
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 86.6420, 94.3112, 105.7328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

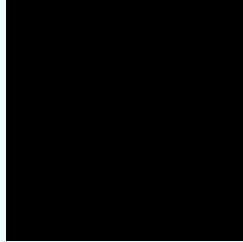
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.6420, 94.3112, 105.7328

Background



This preview shows how black text looks on a background with the XYZ color 86.6420, 94.3112, 105.7328.

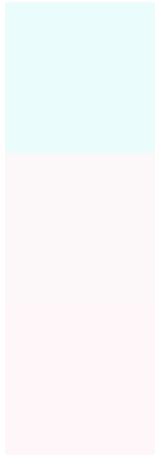


This preview shows how white text looks on a background with the XYZ color 86.6420, 94.3112,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86.6420, 94.3112, 105.7328

Protanopia

90.5045, 94.0565, 103.0072

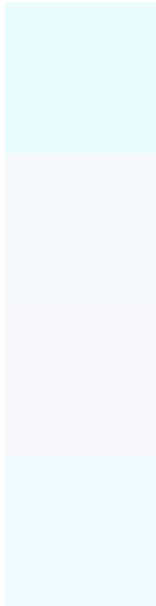
Deuteranopia

91.4511, 94.0737, 103.7805

Tritanopia

89.5819, 94.3838, 108.1042

Trichromacy



Original Color

86.6420, 94.3112, 105.7328

Protanomaly

89.1370, 94.2463, 103.9358

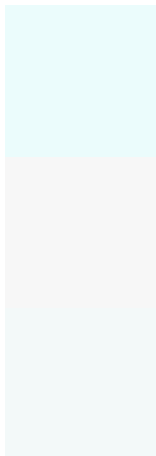
Deuteranomaly

89.6914, 94.0563, 104.6942

Tritanomaly

88.3506, 94.2277, 107.2971

Monochromacy



Original Color

86.6420, 94.3112, 105.7328

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.9367, 93.6456, 103.0632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.6420, 94.3112, 105.7328 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(235, 252, 252)` looks like.

```
.text, #text, p{  
    color:rgb(235, 252, 252)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(235, 252, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 252, 252) }
```

Border

The CSS property to change the border of an element to XYZ 86.6420, 94.3112, 105.7328 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 252, 252) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(235, 252, 252) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(235, 252, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 252, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 252, 252);  
box-shadow:4px 4px 4px 4px rgb(235, 252,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 86.6420, 94.3112, 105.7328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 252, 252) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(235,  
252, 252) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor