

Converting Colors

XYZ(84.2184, 94.4646,
105.9347)

Have a look what the booklet for
XYZ(84.2184, 94.4646, 105.9347)
contains.

XYZ(84.0712, 94.3956, 105.8846)	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(84.0712, 94.3956,
105.8846)**

Conversions

Conversions Part 1

Format	Color
Hex	E0FFFC
RGB	224, 255, 252
RGB Percent	88%, 100%, 99%
CMY	0.1216, 0.0000, 0.0118
CMYK	0.12, 0.00, 0.01, 0.00
HSL	174°, 100%, 94%
HSV	174°, 12%, 100%
XYZ	84.0712, 94.3956, 105.8846
YIQ	245.3890, -17.5130, -7.5050

Conversions

Conversions Part 2

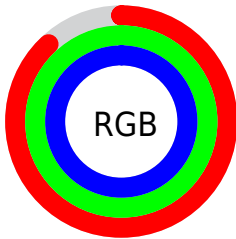
Format	Color
R_{YB}	224, 240, 255
Decimal	14745596
CIE _{Lab}	97.79, -10.52, -1.96
CIE _{LCh}	98, 10.698, 190.532
Yxy	94.3956, 0.2957, 0.3320
Android (android.graphics.Color)	4292935676 (0xFFE0FFFC)
YUV	245.3890, 3.2592, -18.7582
Hunter-Lab	97.1574, -15.5677, 3.3944

Details

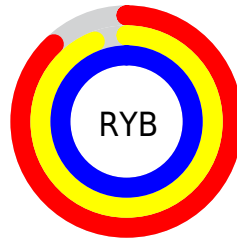
The XYZ color **84.0712, 94.3956, 105.8846** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.7615, 80.1186, 83.8286**, and the grayscale version is **87.0886, 91.6240, 99.7785**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4066, 52.7633, 59.3682** is the 20% darker color. If you saturate the color by 10%, you get **76.3639, 90.4672, 103.4980**, and if you desaturate by 10%, it is **92.9707, 98.9380, 108.3564**.

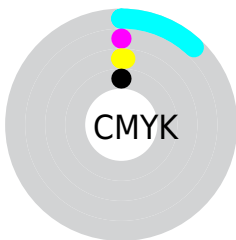
Distribution



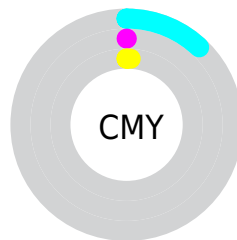
- Red (88%)
- Green (100%)
- Blue (99%)



- Red (88%)
- Yellow (94%)
- Blue (100%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.0712, 94.3956, 105.8846 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 84.0712, 94.3956, 105.8846 by changing the saturation by 10% instead.

84.0712, 94.3956,
105.8846

84.0712, 94.3956,
105.8846

497.0797,
542.2282, 600.3060

63.3941, 71.6320,
80.5799

137.9955,
153.4293, 171.3429

46.4200, 52.8581,
59.6667

171.9735,
190.4683, 212.3335

32.7834, 37.6895,
42.7265

211.1158,
233.0345, 259.3898

22.1190, 25.7418,
29.3407

255.7877,
281.5124, 312.9304

14.0615, 16.6306,
19.0910

306.3548,
336.2863, 373.3738

8.2454, 9.9715,
11.5585

363.1822,

4.3055, 5.3800,

397.7406, 441.1385

6.3250

426.6354,
466.2598, 516.6431

■ 1.8764, 2.4719,
2.9717

■ 0.5631, 0.8625,
1.0802

■ 84.0712, 94.3956,
105.8846

■ 84.0712, 94.3956,
105.8846

■ 76.3639, 90.4672,
103.4980

■ 92.9707, 98.9380,
108.3564

■ 69.7932, 87.1242,
101.1895

95.0500, 100.0000,
108.9000

■ 64.3037, 84.3379,
98.9580

■ 59.8338, 82.0767,
96.8003

■ 56.3160, 80.3058,
94.7132

■ 53.6744, 78.9860,
92.6932

■ 51.8218, 78.0723,
90.7360

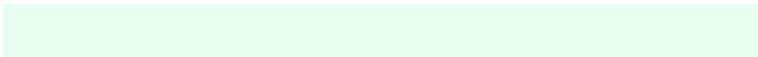
■ 50.6524, 77.5103,
88.8365

■ 50.0901, 77.2520,
87.3812

Harmonies

Analogous

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



84.2981, 94.3956, 97.2783



84.0712, 94.3956, 105.8846



85.3317, 94.3956, 114.0990

Triad

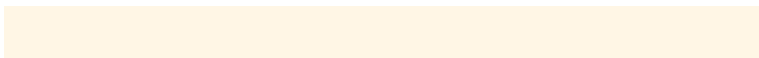
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.0712, 94.3956, 105.8846



93.5897, 94.3956, 116.0967



91.6911, 94.3956, 87.7296

Complementary

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



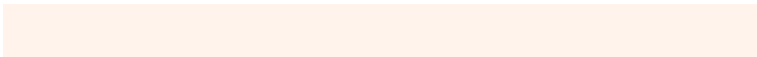
84.0712, 94.3956, 105.8846



81.7615, 80.1186, 83.8286

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.



94.2566, 94.3956, 92.2369



84.0712, 94.3956, 105.8846



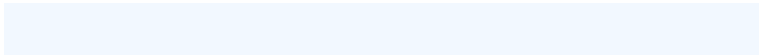
95.3699, 94.3956, 108.4869

Square

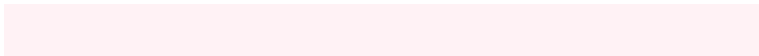
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.0712, 94.3956, 105.8846



90.7975, 94.3956, 120.2130



95.6167, 94.3956, 99.7382



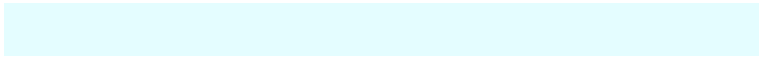
88.6514, 94.3956, 87.1209

Rectangle

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



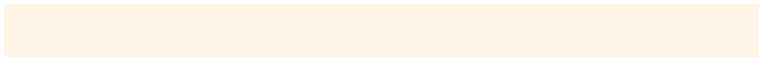
84.0712, 94.3956, 105.8846



86.8630, 94.3956, 118.1249



95.6167, 94.3956, 99.7382



92.6394, 94.3956, 88.8265

Sweetspot

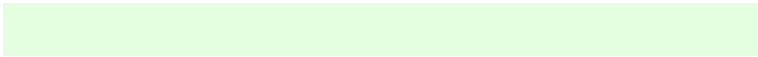
The Sweet Spot groups the original color and five complimentary colors.



84.0722, 94.3960, 105.8861



91.2380, 98.0531, 107.8946



80.9256, 93.2494, 84.2564



19.3800, 20.9115, 23.0537



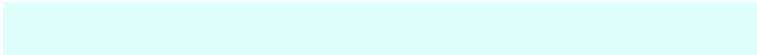
0.0000, 0.0000, 0.0000



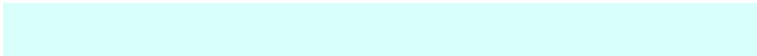
20.3446, 21.4041, 23.3091

Same Dimension

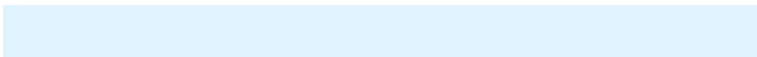
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.0722, 94.3960, 105.8861



81.7610, 93.2174, 105.1987



80.7225, 86.9302, 107.1324



18.4746, 20.4494, 22.8024



26.2042, 40.3783, 45.8219



2.5725, 3.9399, 4.5726

Inverse Universe

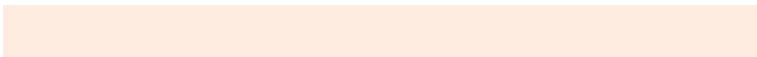
The Inverse Universe completely reimagines the original color for something new.



81.7615, 80.1186, 83.8286



78.9664, 75.9481, 78.5203



84.8060, 86.8642, 82.8194



18.0807, 18.0156, 19.0423



21.6621, 11.1541, 1.6051



2.1319, 1.0951, 0.2761

Previews

White Background



This preview shows how the XYZ color 84.0712, 94.3956, 105.8846 looks on a white background.

Color Contrast Check

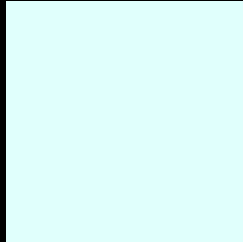
Large Text (above 18pt) WCAG AA × Fail

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 84.0712, 94.3956, 105.8846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

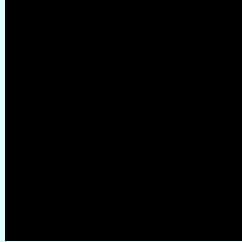
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.0712, 94.3956, 105.8846

Background



This preview shows how black text looks on a background with the XYZ color 84.0712, 94.3956, 105.8846.



This preview shows how white text looks on a background with the XYZ color 84.0712, 94.3956,

105.8846.

Color Blindness Simulation

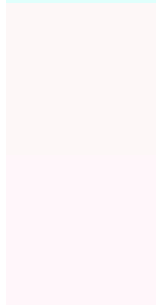
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

84.0712, 94.3956, 105.8846



Protanopia

90.5573, 94.1196, 101.3897

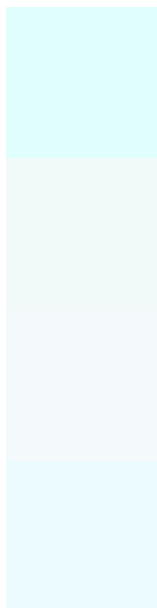
Deuteranopia

91.4511, 94.0737, 103.7805

Tritanopia

88.8878, 94.0260, 108.0717

Trichromacy



Original Color

84.0712, 94.3956, 105.8846

Protanomaly

87.9024, 94.0880, 103.1504

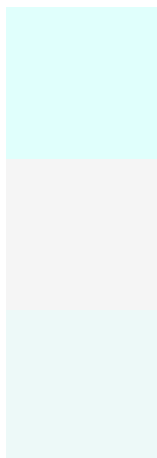
Deuteranomaly

88.5965, 93.9495, 104.7313

Tritanomaly

86.9786, 93.9830, 107.3222

Monochromacy



Original Color

84.0712, 94.3956, 105.8846

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.7440, 92.5332, 102.1484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.0712, 94.3956, 105.8846 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(224, 255, 252)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 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(224, 255, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 252) }
```

Border

The CSS property to change the border of an element to XYZ 84.0712, 94.3956, 105.8846 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(224, 255, 252) }
```


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

```
.border{ border-color:rgb(224, 255, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 255, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 84.0712, 94.3956, 105.8846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 252) }
```

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

```
.background{ background-color: rgb(224,  
255, 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