

Converting Colors

XYZ(86.5153, 95.3091,
100.2228)

Have a look what the booklet for
XYZ(86.5153, 95.3091, 100.2228)
contains.

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Color

**XYZ(86.5153, 95.3091,
100.2228)**

Conversions

Conversions Part 1

Format	Color
Hex	ECFEF5
RGB	236, 254, 245
RGB Percent	93%, 100%, 96%
CMY	0.0745, 0.0039, 0.0392
CMYK	0.07, 0.00, 0.04, 0.00
HSL	150°, 90%, 96%
HSV	150°, 7%, 100%
XYZ	86.5153, 95.3091, 100.2228
YIQ	247.5920, -7.8390, -6.6150

Conversions

Conversions Part 2

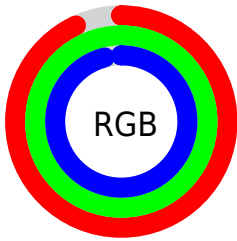
Format	Color
R _Y B	236, 248, 254
Decimal	15531765
CIE Lab	98.16, -7.49, 2.27
CIE LCh	98, 7.825, 163.121
Yxy	95.3091, 0.3067, 0.3379
Android (android.graphics.Color)	4293721845 (0xFFECCFEF5)
YUV	247.5920, -1.2779, -10.1662
Hunter-Lab	97.6264, -12.6617, 7.4716

Details

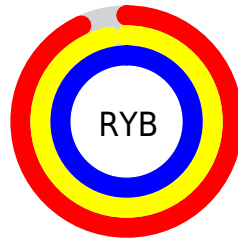
The XYZ color **86.5153, 95.3091, 100.2228** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.3534, 87.6567, 98.7062**, and the grayscale version is **88.9071, 93.5372, 101.8620**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.9740, 53.3099, 55.9055** is the 20% darker color. If you saturate the color by 10%, you get **76.8014, 90.5205, 89.9909**, and if you desaturate by 10%, it is **94.7337, 99.3673, 108.7946**.

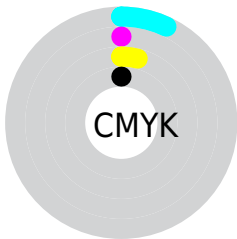
Distribution



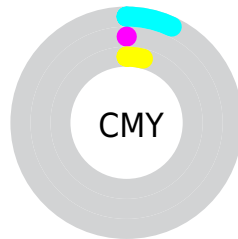
- Red (93%)
- Green (100%)
- Blue (96%)



- Red (93%)
- Yellow (97%)
- Blue (100%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.5153, 95.3091, 100.2228 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 86.5153, 95.3091, 100.2228 by changing the saturation by 10% instead.


 86.5153, 95.3091,
100.2228

 86.5153, 95.3091,
100.2228


505.0373,
545.1541, 582.1595

 65.4209, 72.3923,
75.8687


141.3915,
154.6916, 163.5179

 48.0684, 53.4792,
55.8188


175.9040,
191.9260, 203.2959

 34.0925, 38.1854,
39.6547


215.6198,
234.7017, 249.0524

 23.1279, 26.1266,
26.9577

260.9044,
283.4032, 301.2058

 14.8092, 16.9184,
17.3093

312.1231,
338.4148, 360.1746

 8.7710, 10.1763,
10.2910

369.6412,

 4.6480, 5.5160,

400.1208, 426.3775

5.4842

433.8242,
468.9058, 500.2330

■ 2.0749, 2.5531,
2.4704

■ 0.6755, 0.9031,
0.8244

■ 86.5153, 95.3091,
100.2228

■ 86.5153, 95.3091,
100.2228

■ 76.8014, 90.5205,
89.9909

94.7337, 99.3673,
108.7946

■ 68.3644, 86.3725,
80.4980

■ 61.1502, 82.8400,
71.7293

■ 55.0978, 79.8921,
63.6672

■ 50.1407, 77.4946,
56.2934

■ 46.2050, 75.6101,
49.5884

■ 43.2076, 74.1958,
43.5320

■ 41.0509, 73.2019,
38.1023

■ 39.6109, 72.5649,
33.2757

Harmonies

Analogous

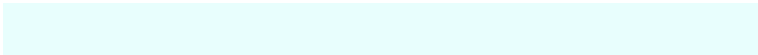
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.6662, 95.3091, 95.0004



86.5153, 95.3091, 100.2228



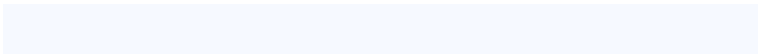
86.4442, 95.3091, 106.6107

Triad

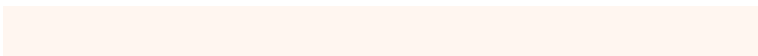
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.5153, 95.3091, 100.2228



91.5731, 95.3091, 116.3028



93.7799, 95.3091, 95.5426

Complementary

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



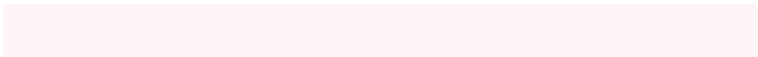
86.5153, 95.3091, 100.2228



87.3534, 87.6567, 98.7062

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.



94.8631, 95.3091, 100.9909



86.5153, 95.3091, 100.2228



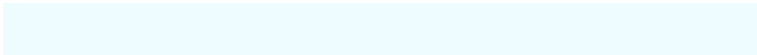
93.5749, 95.3091, 113.0748

Square

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



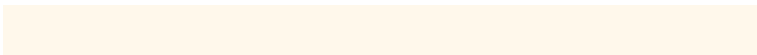
86.5153, 95.3091, 100.2228



89.3393, 95.3091, 116.0763



94.7875, 95.3091, 107.4110



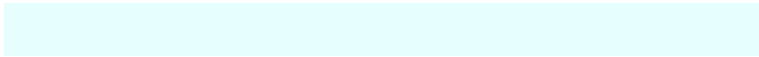
91.8491, 95.3091, 92.3758

Rectangle

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



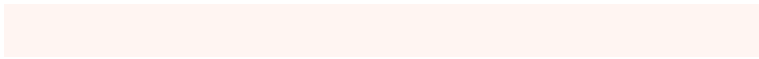
86.5153, 95.3091, 100.2228



87.0167, 95.3091, 110.6867



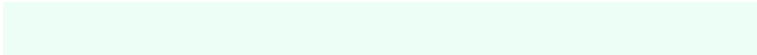
94.7875, 95.3091, 107.4110



94.2566, 95.3091, 97.1580

Sweetspot

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



86.5180, 95.3132, 100.2249



92.7905, 98.8823, 106.6649



88.3465, 96.4107, 93.3109



19.8847, 21.1766, 22.8542



0.0000, 0.0000, 0.0000



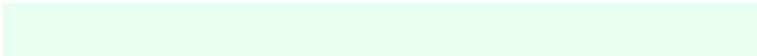
20.3446, 21.4041, 23.3091

Same Dimension

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



86.5180, 95.3132, 100.2249



85.3116, 95.1869, 99.0848



87.8786, 95.8574, 107.3897



18.1503, 20.3196, 21.0944



20.7785, 38.2080, 17.2507



2.0782, 3.7422, 1.9699

Inverse Universe

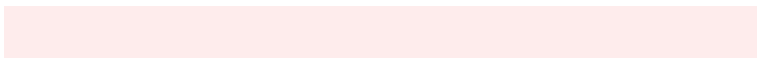
The Inverse Universe completely reimagines the original color for something new.



87.3534, 87.6567, 98.7062



86.3682, 85.5044, 97.1642



86.0553, 87.1375, 91.8705



18.3883, 18.1386, 20.6618



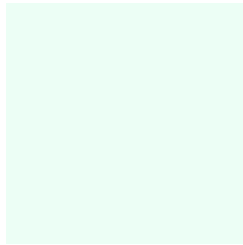
23.6439, 11.9468, 12.0409



2.3572, 1.1853, 1.4627

Previews

White Background



This preview shows how the XYZ color 86.5153, 95.3091, 100.2228 looks on a white background.

Color Contrast Check

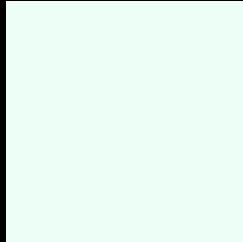
Large Text (above 18pt) WCAG AA × Fail

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 86.5153, 95.3091, 100.2228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

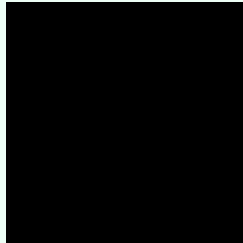
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

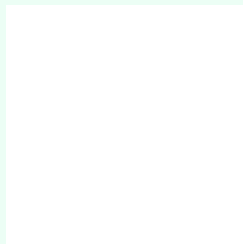
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.5153, 95.3091, 100.2228

Background



This preview shows how black text looks on a background with the XYZ color 86.5153, 95.3091, 100.2228.



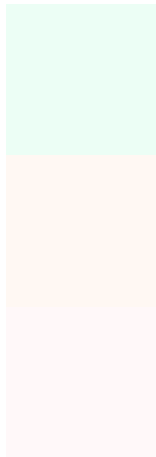
This preview shows how white text looks on a background with the XYZ color 86.5153, 95.3091,

100.2228.

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

86.5153, 95.3091, 100.2228

Protanopia

90.9851, 94.8659, 98.3095

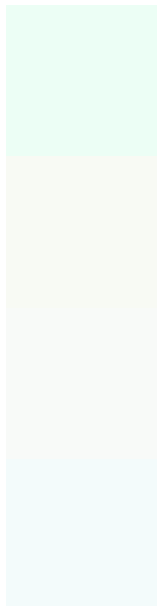
Deuteranopia

91.9063, 95.2344, 103.1606

Tritanopia

90.5934, 95.3654, 108.2403

Trichromacy



Original Color

86.5153, 95.3091, 100.2228

Protanomaly

89.2261, 94.8593, 99.1949

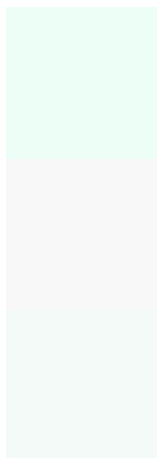
Deuteranomaly

89.8403, 95.1050, 102.4289

Tritanomaly

88.8719, 95.0141, 104.9223

Monochromacy



Original Color

86.5153, 95.3091, 100.2228

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.2823, 94.3197, 101.5482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.5153, 95.3091, 100.2228 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(236, 254, 245)` looks like.

```
.text, #text, p{  
    color:rgb(236, 254, 245)  
}
```

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(236, 254, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 254, 245) }
```

Border

The CSS property to change the border of an element to XYZ 86.5153, 95.3091, 100.2228 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(236, 254, 245) }
```


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

```
.border{ border-color:rgb(236, 254, 245) }
```

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

Here you see how a box with a 4 pixel rgb(236, 254, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 254, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 254, 245);  
box-shadow:4px 4px 4px 4px rgb(236, 254,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 86.5153, 95.3091, 100.2228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 254, 245) }
```

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

```
.background{ background-color: rgb(236,  
254, 245) }
```

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](#).

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