

Converting Colors

XYZ(96.3164, 115.0351,
107.8944)

Have a look what the booklet for
XYZ(96.3164, 115.0351, 107.8944)
contains.

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Color

**XYZ(86.6196, 95.7458,
104.3579)**

Conversions

Conversions Part 1

Format	Color
Hex	E9FFFA
RGB	233, 255, 250
RGB Percent	91%, 100%, 98%
CMY	0.0863, 0.0000, 0.0196
CMYK	0.09, 0.00, 0.02, 0.00
HSL	166°, 100%, 96%
HSV	166°, 9%, 100%
XYZ	86.6196, 95.7458, 104.3579
YIQ	247.8520, -11.5070, -6.2190

Conversions

Conversions Part 2

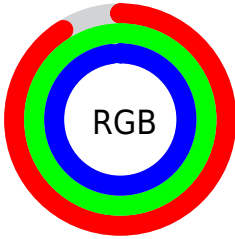
Format	Color
R _{YB}	233, 245, 255
Decimal	15335418
CIE Lab	98.33, -8.04, -0.07
CIE LCh	98, 8.044, 180.480
Yxy	95.7458, 0.3021, 0.3339
Android (android.graphics.Color)	4293525498 (0xFFE9FFFA)
YUV	247.8520, 1.0590, -13.0252
Hunter-Lab	97.8498, -13.2235, 5.2614

Details

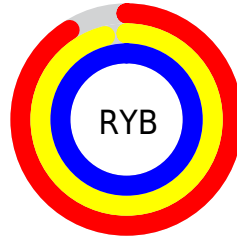
The XYZ color **86.6196, 95.7458, 104.3579** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.8121, 85.7120, 92.9103**, and the grayscale version is **89.1002, 93.7403, 102.0832**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0632, 53.6303, 58.8574** is the 20% darker color. If you saturate the color by 10%, you get **77.9933, 91.4021, 99.2852**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

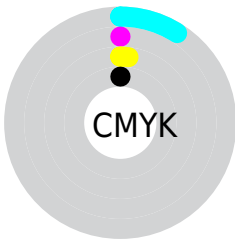
Distribution



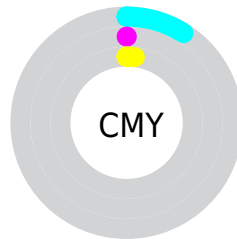
- Red (91%)
- Green (100%)
- Blue (98%)



- Red (91%)
- Yellow (96%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.6196, 95.7458, 104.3579 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 86.6196, 95.7458, 104.3579 by changing the saturation by 10% instead.


 86.6196, 95.7458,
104.3579

 86.6196, 95.7458,
104.3579


505.3754,
546.5498, 595.4416

 65.5074, 72.7559,
79.3079


141.5362,
155.2946, 169.2371

 48.1389, 53.7764,
58.6262


176.0713,
192.6222, 209.9033

 34.1486, 38.4229,
41.8942


215.8115,
235.4978, 256.6120

 23.1712, 26.3111,
28.6935

261.1221,
284.3058, 309.7817

 14.8414, 17.0565,
18.6055

312.3684,
339.4306, 369.8310

 8.7937, 10.2748,
11.2117

369.9158,

 4.6629, 5.5815,

401.2566, 437.1784

6.0934

434.1297,
470.1682, 512.2424

■ 2.0836, 2.5923,
2.8323

■ 0.6803, 0.9228,
1.0096

■ 86.6196, 95.7458,
104.3579

■ 86.6196, 95.7458,
104.3579

■ 77.9933, 91.4021,
99.2852

95.0500, 100.0000,
108.9000

■ 70.5454, 87.6627,
94.4106

■ 64.2214, 84.4996,
89.7317

■ 58.9615, 81.8819,
85.2445

■ 54.7003, 79.7759,
80.9444

■ 51.3648, 78.1441,
76.8267

■ 48.8721, 76.9437,
72.8862

■ 47.1239, 76.1241,
69.1169

■ 45.9803, 75.6132,
65.5107

Harmonies

Analogous

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



87.1804, 95.7458, 98.0879



86.6196, 95.7458, 104.3579



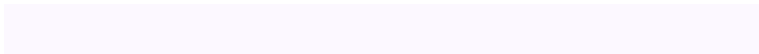
87.2167, 95.7458, 110.8596

Triad

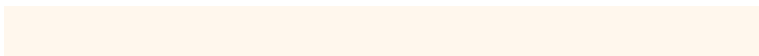
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.6196, 95.7458, 104.3579



93.2827, 95.7458, 115.6413



93.2170, 95.7458, 93.5346

Complementary

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



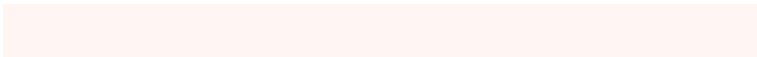
86.6196, 95.7458, 104.3579



85.8121, 85.7120, 92.9103

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.



94.8983, 95.7458, 97.9102



86.6196, 95.7458, 104.3579



94.9368, 95.7458, 110.6667

Square

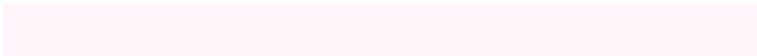
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.6196, 95.7458, 104.3579



91.0409, 95.7458, 117.5411



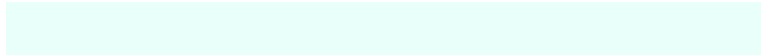
95.5329, 95.7458, 104.1440



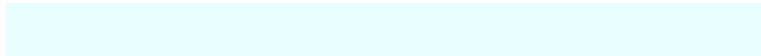
90.9662, 95.7458, 92.0022

Rectangle

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



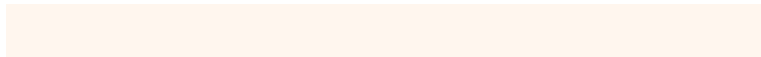
86.6196, 95.7458, 104.3579



88.1971, 95.7458, 114.4094



95.5329, 95.7458, 104.1440



93.8689, 95.7458, 94.7123

Sweetspot

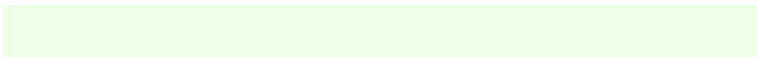
The Sweet Spot groups the original color and five complimentary colors.



86.6205, 95.7462, 104.3594



92.0127, 98.4664, 107.3037



85.7734, 95.6038, 91.0249



19.5249, 20.9902, 22.8768



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

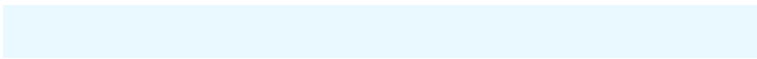
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.6205, 95.7462, 104.3594



85.3639, 95.1128, 103.6506



85.5720, 92.3781, 107.9284



18.3679, 20.4067, 22.2401



24.0145, 39.5024, 34.2913



2.3793, 3.8627, 3.5553

Inverse Universe

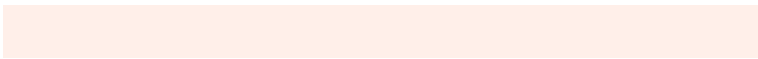
The Inverse Universe completely reimagines the original color for something new.



85.8121, 85.7120, 92.9103



84.4358, 83.5909, 90.5045



86.7761, 88.7991, 89.6586



18.1784, 18.0547, 19.5565



21.9932, 11.2866, 3.3488



2.1807, 1.1147, 0.5331

Previews

White Background



This preview shows how the XYZ color 86.6196, 95.7458, 104.3579 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 86.6196, 95.7458, 104.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

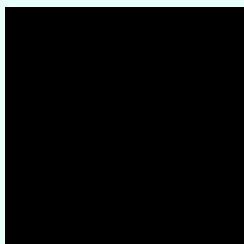
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

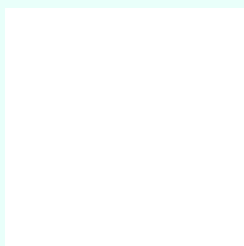
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.6196, 95.7458, 104.3579

Background



This preview shows how black text looks on a background with the XYZ color 86.6196, 95.7458, 104.3579.



This preview shows how white text looks on a background with the XYZ color 86.6196, 95.7458,

104.3579.

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

86.6196, 95.7458, 104.3579

Protanopia

91.7502, 95.6652, 100.8182

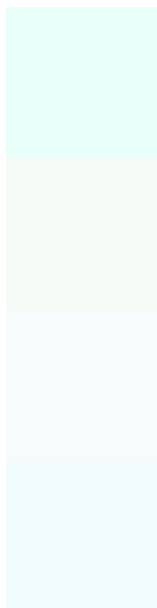
Deuteranopia

92.2200, 95.3598, 104.8126

Tritanopia

90.5934, 95.3654, 108.2403

Trichromacy



Original Color

86.6196, 95.7458, 104.3579

Protanomaly

89.6435, 95.4839, 101.7012

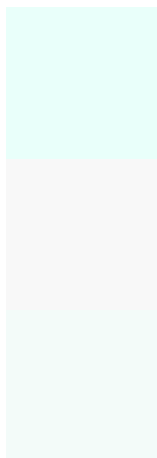
Deuteranomaly

90.2675, 95.7336, 104.9876

Tritanomaly

89.1580, 95.5899, 106.6801

Monochromacy



Original Color

86.6196, 95.7458, 104.3579

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.5582, 94.8886, 103.2703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.6196, 95.7458, 104.3579 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(233, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(233, 255, 250)  
}
```

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(233, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 255, 250) }
```

Border

The CSS property to change the border of an element to XYZ 86.6196, 95.7458, 104.3579 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(233, 255, 250) }
```


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

```
.border{ border-color:rgb(233, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(233, 255,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 86.6196, 95.7458, 104.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 255, 250) }
```

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

```
.background{ background-color: rgb(233,  
255, 250) }
```

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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