

Converting Colors

XYZ(85.9445, 95.5093, 99.2866)

Have a look what the booklet for
XYZ(85.9445, 95.5093, 99.2866)
contains.

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Color

**XYZ(86.0208, 95.5441,
99.4960)**

Conversions

Conversions Part 1

Format	Color
Hex	EAFFF4
RGB	234, 255, 244
RGB Percent	92%, 100%, 96%
CMY	0.0823, 0.0000, 0.0431
CMYK	0.08, 0.00, 0.04, 0.00
HSL	149°, 100%, 96%
HSV	149°, 8%, 100%
XYZ	86.0208, 95.5441, 99.4960
YIQ	247.4670, -8.9850, -7.8730

Conversions

Conversions Part 2

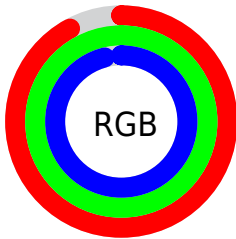
Format	Color
R_{YB}	234, 248, 255
Decimal	15400948
CIE _{Lab}	98.25, -8.82, 2.91
CIE _{LCh}	98, 9.284, 161.764
Y _{xy}	95.5441, 0.3061, 0.3399
Android (android.graphics.Color)	4293591028 (0xFFEAF4)
Y _{UV}	247.4670, -1.7092, -11.8106
Hunter-Lab	97.7467, -13.9698, 8.0716

Details

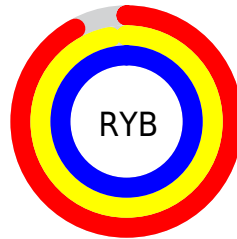
The XYZ color **86.0208, 95.5441, 99.4960** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.1447, 86.6992, 98.5277**, and the grayscale version is **88.8064, 93.4313, 101.7467**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.6313, 53.4840, 55.3900** is the 20% darker color. If you saturate the color by 10%, you get **76.2875, 90.7523, 88.8354**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

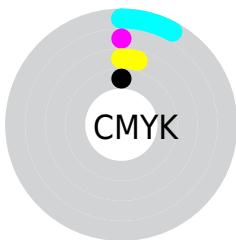
Distribution



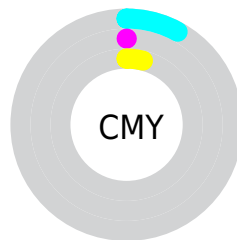
- Red (92%)
- Green (100%)
- Blue (96%)



- Red (92%)
- Yellow (97%)
- Blue (100%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (8%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.0208, 95.5441, 99.4960 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 86.0208, 95.5441, 99.4960 by changing the saturation by 10% instead.


 86.0208, 95.5441,
99.4960

 86.0208, 95.5441,
99.4960


503.4327,
545.9054, 579.8085

 65.0105, 72.5879,
75.2652


140.7052,
155.0161, 162.5102

 47.7343, 53.6391,
55.3271

175.1100,
192.3007, 202.1307

 33.8269, 38.3132,
39.2633


214.7103,
235.1302, 247.7181

 22.9229, 26.2259,
26.6552

259.8716,
283.8890, 299.6910

 14.6570, 16.9927,
17.0843

310.9591,
338.9615, 358.4680

 8.6637, 10.2293,
10.1320

368.3382,

 4.5779, 5.5512,

400.7322, 424.4675

5.3798

432.3743,
469.5853, 498.1082

■ 2.0340, 2.5742,
2.4092

■ 0.6529, 0.9137,
0.7914

■ 86.0208, 95.5441,
99.4960

■ 86.0208, 95.5441,
99.4960

■ 76.2875, 90.7523,
88.8354

95.0500, 100.0000,
108.9000

■ 67.8510, 86.6123,
78.9852

■ 60.6539, 83.0951,
69.9273

■ 54.6335, 80.1687,
61.6415

■ 49.7216, 77.7982,
54.1069

■ 45.8422, 75.9449,
47.3011

■ 42.9093, 74.5649,
41.2007

■ 40.8219, 73.6066,
35.7807

■ 39.4417, 72.9992,
31.0132

Harmonies

Analogous

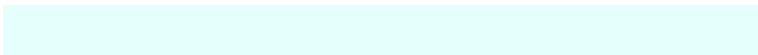
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.4338, 95.5441, 93.4414



86.0208, 95.5441, 99.4960



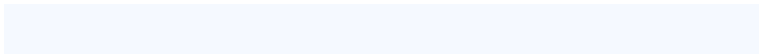
85.8761, 95.5441, 107.0589

Triad

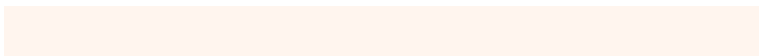
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.0208, 95.5441, 99.4960



91.8629, 95.5441, 119.1054



94.6967, 95.5441, 94.5389

Complementary

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



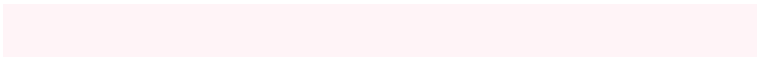
86.0208, 95.5441, 99.4960



87.1447, 86.6992, 98.5277

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.



95.9331, 95.5441, 101.0613



86.0208, 95.5441, 99.4960



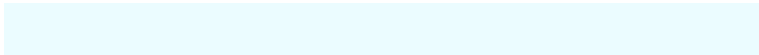
94.2757, 95.5441, 115.3925

Square

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



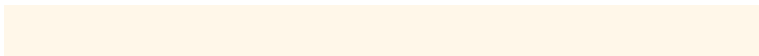
86.0208, 95.5441, 99.4960



89.2141, 95.5441, 118.6356



95.7775, 95.5441, 108.7023



92.4285, 95.5441, 90.6776

Rectangle

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



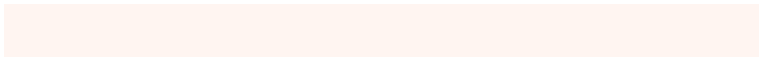
86.0208, 95.5441, 99.4960



86.5148, 95.5441, 111.9677



95.7775, 95.5441, 108.7023



95.2487, 95.5441, 96.4790

Sweetspot

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



86.0216, 95.5445, 99.4975



92.7714, 98.8747, 106.5640



88.3378, 96.9092, 91.8926



19.8808, 21.1750, 22.8337



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.



86.0216, 95.5445, 99.4975



84.2065, 94.6498, 97.5554



87.6297, 96.1877, 107.9656



18.1318, 20.3122, 20.9970



20.5771, 38.1275, 16.1904



2.0583, 3.7342, 1.8648

Inverse Universe

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



87.1447, 86.6992, 98.5277



85.5538, 84.0381, 96.3919



85.6156, 86.0875, 90.4756



18.4068, 18.1460, 20.7595



23.8573, 12.0322, 13.1648



2.3781, 1.1936, 1.5727

Previews

White Background



This preview shows how the XYZ color 86.0208, 95.5441, 99.4960 looks on a white background.

Color Contrast Check

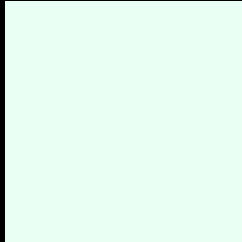
Large Text (above 18pt) WCAG AA × Fail

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 86.0208, 95.5441, 99.4960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

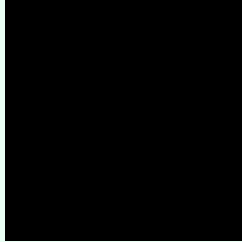
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

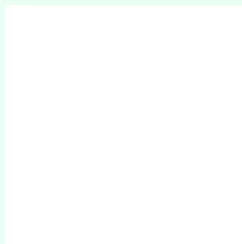
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.0208, 95.5441, 99.4960

Background



This preview shows how black text looks on a background with the XYZ color 86.0208, 95.5441, 99.4960.



This preview shows how white text looks on a background with the XYZ color 86.0208, 95.5441,

99.4960.

Color Blindness Simulation

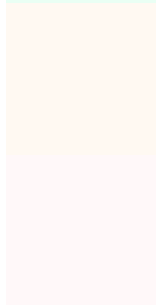
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86.0208, 95.5441, 99.4960



Protanopia

91.1427, 95.4222, 97.6190

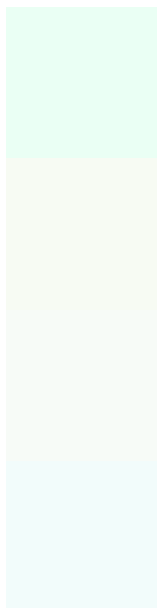
Deuteranopia

91.9063, 95.2344, 103.1606

Tritanopia

90.5934, 95.3654, 108.2403

Trichromacy



Original Color

86.0208, 95.5441, 99.4960

Protanomaly

89.0326, 95.2396, 98.4846

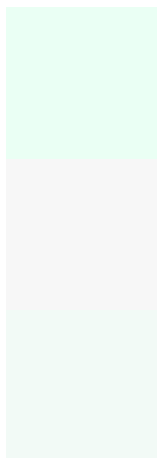
Deuteranomaly

89.6435, 95.4839, 101.7012

Tritanomaly

88.8409, 95.4631, 105.0106

Monochromacy



Original Color

86.0208, 95.5441, 99.4960

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.4381, 93.9023, 100.7052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.0208, 95.5441, 99.4960 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(234, 255, 244)` looks like.

```
.text, #text, p{  
    color:rgb(234, 255, 244)  
}
```

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(234, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 255, 244) }
```

Border

The CSS property to change the border of an element to XYZ 86.0208, 95.5441, 99.4960 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(234, 255, 244) }
```


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

```
.border{ border-color:rgb(234, 255, 244) }
```

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

Here you see how a box with a 4 pixel rgb(234, 255, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 255, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 255, 244);  
box-shadow:4px 4px 4px 4px rgb(234, 255,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 86.0208, 95.5441, 99.4960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 255, 244) }
```

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

```
.background{ background-color: rgb(234,  
255, 244) }
```

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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