

Converting Colors

XYZ(86.5005, 96.5554, 64.9992)

Have a look what the booklet for
XYZ(86.5005, 96.5554, 64.9992)
contains.

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Color

**XYZ(86.3707, 96.4859,
65.1104)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFFC2
RGB	254, 255, 194
RGB Percent	100%, 100%, 76%
CMY	0.0039, 0.0000, 0.2392
CMYK	0.00, 0.00, 0.24, 0.00
HSL	61°, 100%, 88%
HSV	61°, 24%, 100%
XYZ	86.3707, 96.4859, 65.1104
YIQ	247.7470, 18.9850, -19.1830

Conversions

Conversions Part 2

Format	Color
RYB	194, 255, 195
Decimal	16711618
CIELab	98.62, -9.78, 29.13
CIElCh	99, 30.728, 108.549
Yxy	96.4859, 0.3483, 0.3891
Android (android.graphics.Color)	4294901698 (0xFFFEFFC2)
YUV	247.7470, -26.4973, 5.4839
Hunter-Lab	98.2272, -14.9435, 29.4584

Details

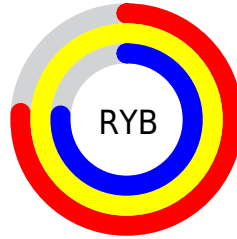
The XYZ color **86.3707, 96.4859, 65.1104** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.8484, 57.4070, 102.5340**, and the grayscale version is **89.2143, 93.8603, 102.2139**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **47.9537, 54.1519, 32.7359** is the 20% darker color. If you saturate the color by 10%, you get **83.5953, 95.3581, 51.2917**, and if you desaturate by 10%, it is **89.6388, 97.8108, 81.5200**.

Distribution



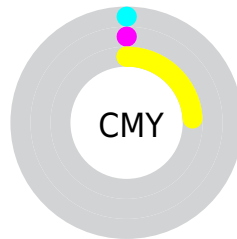
- Red (100%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (76%)



- Cyan (0%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.3707, 96.4859, 65.1104 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 86.3707, 96.4859, 65.1104 by changing the saturation by 10% instead.

 86.3707, 96.4859,
65.1104

 86.3707, 96.4859,
65.1104


504.5684,
548.9111, 461.5057

 65.3009, 73.3723,
47.0987


141.1908,
156.3158, 113.8234

 47.9707, 54.2804,
32.7588


175.6719,
193.8010, 145.3617

 34.0148, 38.8259,
21.6721


215.3540,
236.8454, 182.2460

 23.0679, 26.6243,
13.4202

260.6025,
285.8336, 224.8948

 14.7646, 17.2913,
7.5844

311.7829,
341.1498, 273.7266

 8.7396, 10.4424,
3.7462

369.2604,

 4.6275, 5.6932,

403.1785, 329.1600

1.4872

433.4005,
472.3042, 391.6135

■ 2.0629, 2.6595,
0.2084

■ 0.6689, 0.9567,
0.0000

■ 86.3707, 96.4859,
65.1104

■ 86.3707, 96.4859,
65.1104

■ 83.5953, 95.3581,
51.2917

■ 89.6388, 97.8108,
81.5200

■ 81.2862, 94.4169,
39.9276

■ 93.4216, 99.3417,
100.6391

■ 79.4165, 93.6514,
30.8757

■ 95.0500, 100.0000,
108.9000

■ 77.9561, 93.0497,
23.9774

■ 76.8711, 92.5982,
19.0540

■ 76.1220, 92.2812,
15.8980

■ 75.6609, 92.0793,
14.2563

■ 75.4795, 91.9962,
13.7788

Harmonies

Analogous

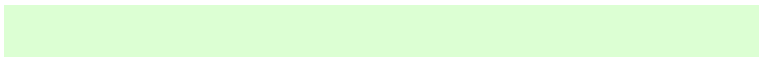
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1460, 96.4859, 63.9756



86.3707, 96.4859, 65.1104



79.4706, 96.4859, 75.8417

Triad

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



86.3707, 96.4859, 65.1104



80.8400, 96.4859, 146.2330



109.5201, 96.4859, 115.0887

Complementary

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



86.3707, 96.4859, 65.1104



59.8484, 57.4070, 102.5340

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.



105.1390, 96.4859, 140.9495



86.3707, 96.4859, 65.1104



88.3518, 96.4859, 160.7759

Square

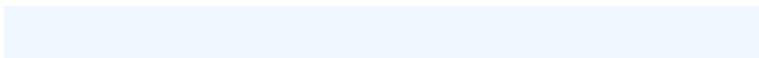
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



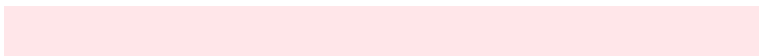
86.3707, 96.4859, 65.1104



76.4228, 96.4859, 121.4295



97.2586, 96.4859, 158.6995



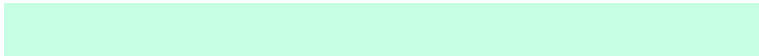
108.9040, 96.4859, 90.2261

Rectangle

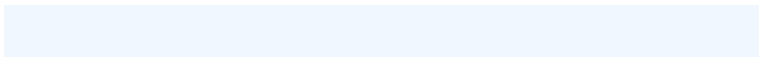
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.3707, 96.4859, 65.1104



76.6855, 96.4859, 88.1356



97.2586, 96.4859, 158.6995



108.5721, 96.4859, 124.0158

Sweetspot

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



86.3711, 96.4861, 65.1118



92.2005, 98.8478, 94.4558



70.2702, 63.7398, 59.6397



19.6847, 21.1373, 19.9647



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

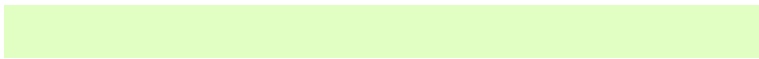
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3711, 96.4861, 65.1118



84.9013, 95.8892, 57.7767



76.3939, 91.3426, 64.6448



19.5301, 21.0747, 19.1828



39.4531, 48.0769, 7.2004



3.8505, 4.6857, 0.7015

Inverse Universe

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



59.8484, 57.4070, 102.5340



53.9373, 50.2651, 101.4671



68.2384, 61.7321, 102.9267



17.0305, 17.3920, 22.7093



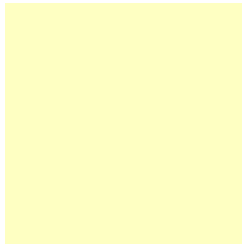
9.4707, 3.7928, 49.6675



0.9314, 0.3741, 4.8364

Previews

White Background



This preview shows how the XYZ color 86.3707, 96.4859, 65.1104 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 86.3707, 96.4859, 65.1104 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 86.3707, 96.4859, 65.1104

Background



This preview shows how black text looks on a background with the XYZ color 86.3707, 96.4859, 65.1104.



This preview shows how white text looks on a background with the XYZ color 86.3707, 96.4859,

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

86.3707, 96.4859, 65.1104



Protanopia

91.3172, 96.4864, 95.4722

Deuteranopia

92.2141, 96.3466, 101.7322

Tritanopia

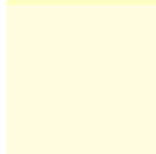
93.1657, 96.2314, 108.2719

Trichromacy



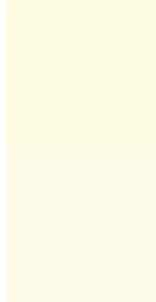
Original Color

86.3707, 96.4859, 65.1104



Protanomaly

89.3697, 96.2085, 83.6719



Deuteranomaly

90.0540, 96.4822, 87.2754

Tritanomaly

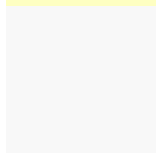
90.4452, 96.1376, 90.8802

Monochromacy



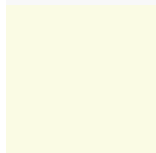
Original Color

86.3707, 96.4859, 65.1104



Achromatopsia

89.2221, 93.8686, 102.2229



Achromatomaly

87.9251, 94.9198, 87.0860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.3707, 96.4859, 65.1104 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(254, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 194)  
}
```

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(254, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 194) }
```

Border

The CSS property to change the border of an element to XYZ 86.3707, 96.4859, 65.1104 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(254, 255, 194) }
```


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

```
.border{ border-color:rgb(254, 255, 194) }
```

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

Here you see how a box with a 4 pixel rgb(254, 255, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 86.3707, 96.4859, 65.1104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 194) }
```

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

```
.background{ background-color: rgb(254,  
255, 194) }
```

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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