

Converting Colors

XYZ(88.8593, 96.5596, 85.8875)

Have a look what the booklet for
XYZ(88.8593, 96.5596, 85.8875)
contains.

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Color

**XYZ(88.6364, 96.2508,
85.8581)**

Conversions

Conversions Part 1

Format	Color
Hex	FBFDE2
RGB	251, 253, 226
RGB Percent	98%, 99%, 89%
CMY	0.0157, 0.0078, 0.1137
CMYK	0.01, 0.00, 0.11, 0.01
HSL	64°, 87%, 94%
HSV	64°, 11%, 99%
XYZ	88.6364, 96.2508, 85.8581
YIQ	249.3240, 7.4750, -8.8210

Conversions

Conversions Part 2

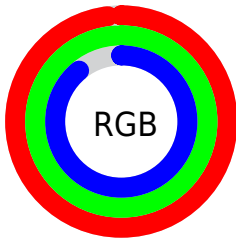
Format	Color
R _Y B	226, 253, 228
Decimal	16514530
CIE Lab	98.53, -5.18, 12.70
CIE LCh	99, 13.711, 112.177
Yxy	96.2508, 0.3274, 0.3555
Android (android.graphics.Color)	4294704610 (0xFFFBFDE2)
YUV	249.3240, -11.4987, 1.4699
Hunter-Lab	98.1075, -10.4201, 16.7880

Details

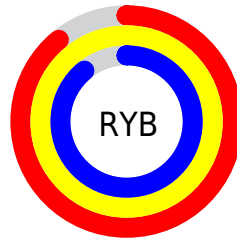
The XYZ color **88.6364, 96.2508, 85.8581** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **76.9246, 77.9811, 103.9312**, and the grayscale version is **90.3986, 95.1064, 103.5709**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.3387, 53.8895, 46.3294** is the 20% darker color. If you saturate the color by 10%, you get **84.7453, 94.6197, 68.8712**, and if you desaturate by 10%, it is **93.0518, 98.0987, 105.5476**.

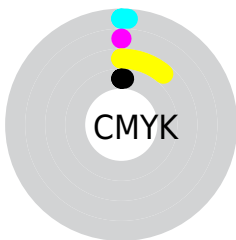
Distribution



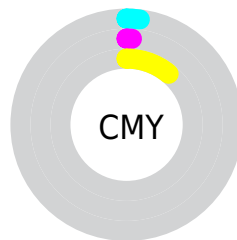
- Red (98%)
- Green (99%)
- Blue (89%)



- Red (89%)
- Yellow (99%)
- Blue (89%)



- Cyan (1%)
- Magenta (0%)
- Yellow (11%)
- Black (1%)





- Cyan (2%)
- Magenta (1%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.6364, 96.2508, 85.8581 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 88.6364, 96.2508, 85.8581 by changing the saturation by 10% instead.


 88.6364, 96.2508,
85.8581

 88.6364, 96.2508,
85.8581


511.8893,
548.1616, 534.6817

 67.1828, 73.1765,
63.9964


144.3308,
155.9915, 143.4562

 49.5044, 54.1203,
46.2016


179.3024,
193.4267, 180.0298

 35.2360, 38.6978,
32.0551


219.5106,
236.4175, 222.3444

 24.0121, 26.5247,
21.1384

265.3208,
285.3485, 270.8185

 15.4674, 17.2166,
13.0330

317.0985,
340.6040, 325.8708

 9.2365, 10.3890,
7.3203

375.2089,

 4.9541, 5.6577,

402.5684, 387.9197

3.5817

440.0174,
471.6262, 457.3838

■ 2.2548, 2.6381,
1.3988

■ 0.7714, 0.9458,
0.1408

■ 88.6364, 96.2508,
85.8581

■ 88.6364, 96.2508,
85.8581

■ 84.7453, 94.6197,
68.8712

■ 93.0518, 98.0987,
105.5476

■ 81.3483, 93.1839,
54.4628

■ 94.3284, 98.6887,
108.6849

■ 78.4240, 91.9379,
42.5088

■ 94.4172, 98.7345,
108.6891

■ 75.9463, 90.8714,
32.8721

■ 73.8867, 89.9728,
25.4020

■ 72.2132, 89.2294,
19.9306

■ 70.8891, 88.6266,
16.2648

■ 69.8706, 88.1468,
14.1738

■ 69.1310, 87.7841,
13.3004

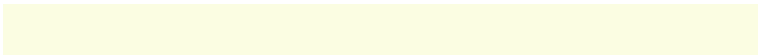
Harmonies

Analogous

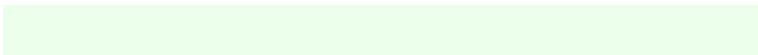
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5249, 96.2508, 84.6280



88.6364, 96.2508, 85.8581



85.5938, 96.2508, 91.9763

Triad

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



88.6364, 96.2508, 85.8581



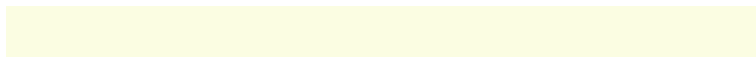
86.8885, 96.2508, 123.0070



99.2444, 96.2508, 107.8002

Complementary

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



88.6364, 96.2508, 85.8581



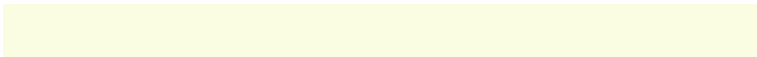
76.9246, 77.9811, 103.9312

Split Complementary

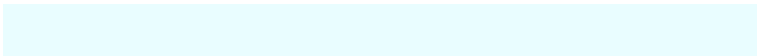
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.6374, 96.2508, 118.7651



88.6364, 96.2508, 85.8581



90.4499, 96.2508, 127.9487

Square

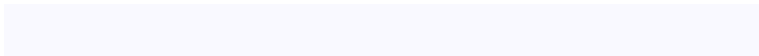
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



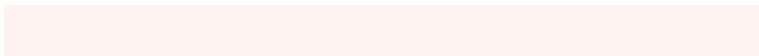
88.6364, 96.2508, 85.8581



84.6051, 96.2508, 113.2586



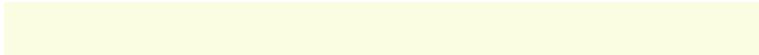
94.3909, 96.2508, 126.3428



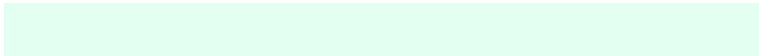
98.7249, 96.2508, 96.7749

Rectangle

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



88.6364, 96.2508, 85.8581



84.4173, 96.2508, 98.2603



94.3909, 96.2508, 126.3428



98.9334, 96.2508, 111.6252

Sweetspot

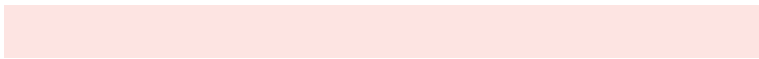
The Sweet Spot groups the original color and five complimentary colors.



88.6390, 96.2550, 85.8602



93.6339, 99.4095, 102.5320



81.9270, 81.7529, 83.4147



19.9623, 21.2446, 21.5911



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.



88.6390, 96.2550, 85.8602



89.2649, 97.5820, 83.1323



84.0155, 93.8715, 85.6438



19.4203, 21.0181, 19.1777



36.8280, 46.7236, 7.0775



3.6239, 4.5690, 0.6909

Inverse Universe

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



76.9246, 77.9811, 103.9312



74.9686, 75.2800, 105.1870



81.3071, 80.2404, 104.1363



17.1279, 17.4422, 22.7139



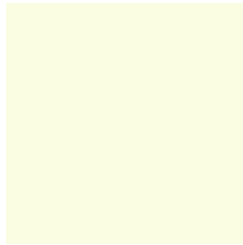
9.6158, 3.8676, 49.6743



0.9776, 0.3979, 4.8385

Previews

White Background



This preview shows how the XYZ color 88.6364, 96.2508, 85.8581 looks on a white background.

Color Contrast Check

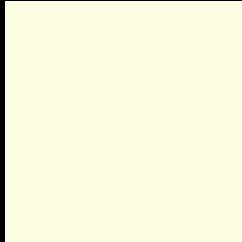
Large Text (above 18pt) WCAG AA × Fail

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 88.6364, 96.2508, 85.8581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

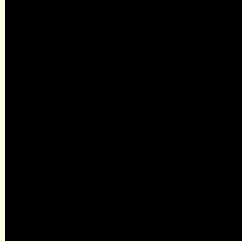
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.6364, 96.2508, 85.8581

Background



This preview shows how black text looks on a background with the XYZ color 88.6364, 96.2508, 85.8581.



This preview shows how white text looks on a background with the XYZ color 88.6364, 96.2508,

85.8581.

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

88.6364, 96.2508, 85.8581

Protanopia

91.3028, 95.9821, 96.9333

Deuteranopia

92.3689, 96.4085, 102.5473

Tritanopia

92.3805, 96.2867, 108.3240

Trichromacy



Original Color

88.6364, 96.2508, 85.8581

Protanomaly

90.5106, 96.1213, 93.1397

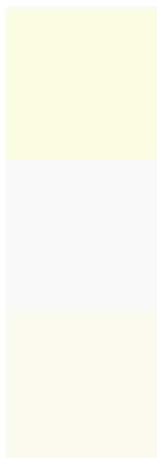
Deuteranomaly

91.0984, 96.3565, 96.2353

Tritanomaly

90.9712, 96.2215, 99.3659

Monochromacy



Original Color

88.6364, 96.2508, 85.8581

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.4871, 95.0461, 96.8483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.6364, 96.2508, 85.8581 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(251, 253, 226)` looks like.

```
.text, #text, p{  
    color:rgb(251, 253, 226)  
}
```

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(251, 253, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 253, 226) }
```

Border

The CSS property to change the border of an element to XYZ 88.6364, 96.2508, 85.8581 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(251, 253, 226) }
```


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

```
.border{ border-color:rgb(251, 253, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 253, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 253, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 253, 226);  
box-shadow:4px 4px 4px 4px rgb(251, 253,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 88.6364, 96.2508, 85.8581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 253, 226) }
```

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

```
.background{ background-color: rgb(251,  
253, 226) }
```

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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