

Converting Colors

XYZ(80.7987, 89.0794, 60.5137)

Have a look what the booklet for
XYZ(80.7987, 89.0794, 60.5137)
contains.

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Color

**XYZ(80.7964, 89.0754,
60.5118)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F5BC
RGB	249, 245, 188
RGB Percent	98%, 96%, 74%
CMY	0.0235, 0.0392, 0.2627
CMYK	0.00, 0.02, 0.24, 0.02
HSL	56°, 84%, 86%
HSV	56°, 24%, 98%
XYZ	80.7964, 89.0754, 60.5118
YIQ	239.6980, 20.6810, -16.8790

Conversions

Conversions Part 2

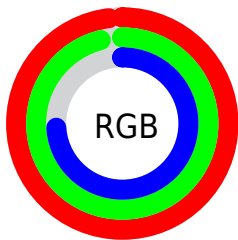
Format	Color
R _Y B	192, 249, 188
Decimal	16381372
CIE Lab	95.61, -7.44, 28.00
CIE LCh	96, 28.972, 104.878
Yxy	89.0754, 0.3507, 0.3866
Android (android.graphics.Color)	4294571452 (0xFFFF9F5BC)
YUV	239.6980, -25.4871, 8.1579
Hunter-Lab	94.3798, -12.3547, 28.0519

Details

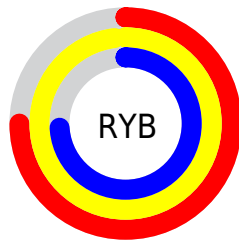
The XYZ color **80.7964, 89.0754, 60.5118** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **56.6873, 55.2288, 97.2953**, and the grayscale version is **82.7719, 87.0825, 94.8328**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **44.2389, 49.3229, 29.7429** is the 20% darker color. If you saturate the color by 10%, you get **77.8503, 87.1143, 47.4099**, and if you desaturate by 10%, it is **84.2146, 91.2385, 76.0579**.

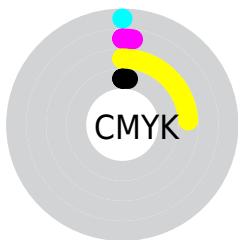
Distribution



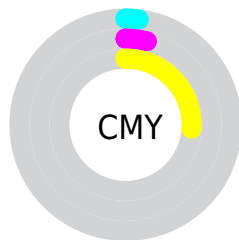
- Red (98%)
- Green (96%)
- Blue (74%)



- Red (75%)
- Yellow (98%)
- Blue (74%)



- Cyan (0%)
- Magenta (2%)
- Yellow (24%)
- Black (2%)





- Cyan (2%)
- Magenta (4%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.7964, 89.0754, 60.5118 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 80.7964, 89.0754, 60.5118 by changing the saturation by 10% instead.


 80.7964, 89.0754,
60.5118

 80.7964, 89.0754,
60.5118


486.3085,
525.0186, 444.3386

 60.6846, 67.2140,
43.4033


 133.4295,
146.0534, 107.1224

 44.2223, 49.2586,
29.8679


166.6816,
181.9389, 137.4615

 31.0440, 34.8247,
19.4872


205.0444,
223.2678, 173.0480

 20.7843, 23.5278,
11.8425

248.8835,
270.4246, 214.3003

 13.0780, 14.9837,
6.5153

298.5641,
323.7937, 261.6369

 7.5596, 8.8080,
3.0870

354.4515,

 3.8639, 4.6161,

383.7595, 315.4765

1.1392

416.9112,
450.7063, 376.2376

■ 1.6254, 2.0239,
0.0000

■ 0.4089, 0.6213,
0.0000

■ 80.7964, 89.0754,
60.5118

■ 80.7964, 89.0754,
60.5118

■ 77.8503, 87.1143,
47.4099

■ 84.2146, 91.2385,
76.0579

■ 75.3456, 85.3336,
36.6214

■ 88.1202, 93.6004,
94.1589

■ 73.2587, 83.7269,
28.0119

■ 91.2708, 95.6673,
108.2629

■ 71.5611, 82.2829,
21.4306

■ 91.7793, 96.6844,
108.4324

70.2204, 80.9885,
16.7078

92.2923, 97.7103,
108.6034

69.1992, 79.8287,
13.6464

92.8096, 98.7450,
108.7758

68.4516, 78.7853,
12.0042

92.8770, 98.8798,
108.7983

68.1201, 78.2460,
11.5127

Harmonies

Analogous

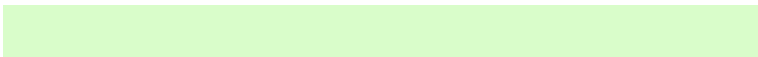
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7168, 89.0754, 60.5470



80.7964, 89.0754, 60.5118



74.3227, 89.0754, 69.1402

Triad

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



80.7964, 89.0754, 60.5118



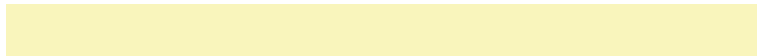
74.2806, 89.0754, 131.2980



100.3050, 89.0754, 108.8705

Complementary

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



80.7964, 89.0754, 60.5118



56.6873, 55.2288, 97.2953

Split Complementary

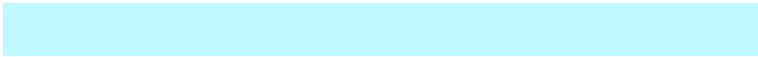
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.9215, 89.0754, 131.4591



80.7964, 89.0754, 60.5118



80.7356, 89.0754, 145.7221

Square

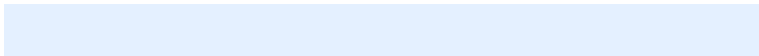
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.7964, 89.0754, 60.5118



70.7241, 89.0754, 108.6765



88.6521, 89.0754, 145.7852



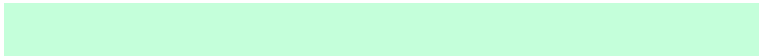
100.3238, 89.0754, 86.1691

Rectangle

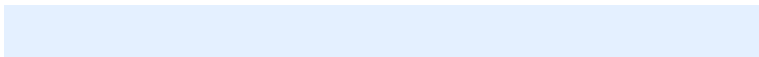
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.7964, 89.0754, 60.5118



71.5558, 89.0754, 79.5536



88.6521, 89.0754, 145.7852



99.2815, 89.0754, 116.7998

Sweetspot

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



80.7987, 89.0794, 60.5137



91.9363, 98.1598, 94.3369



66.5728, 59.9160, 57.9653



19.6233, 20.9774, 19.9370



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

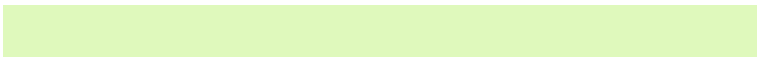
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.7987, 89.0794, 60.5137



83.8203, 93.0677, 57.2890



73.2515, 87.0019, 60.5105



18.6244, 19.9846, 18.3382



36.5049, 41.9664, 6.1763



3.4095, 3.9438, 0.5815

Inverse Universe

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



56.6873, 55.2288, 97.2953



54.6539, 52.1221, 101.7877



62.9412, 57.1686, 97.3401



16.3743, 16.8254, 21.7699



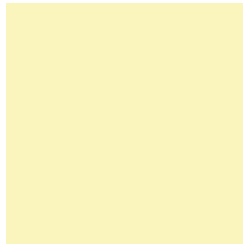
9.2886, 3.9328, 48.2431



0.8912, 0.4261, 4.4784

Previews

White Background



This preview shows how the XYZ color 80.7964, 89.0754, 60.5118 looks on a white background.

Color Contrast Check

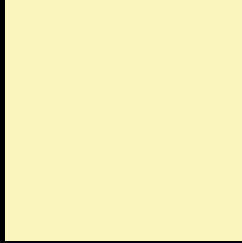
Large Text (above 18pt) WCAG AA × Fail

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 80.7964, 89.0754, 60.5118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

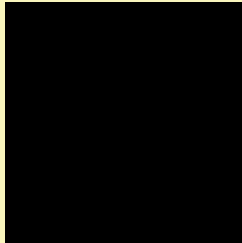
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.7964, 89.0754, 60.5118

Background



This preview shows how black text looks on a background with the XYZ color 80.7964, 89.0754, 60.5118.

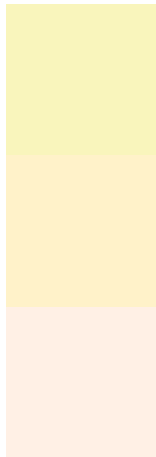


This preview shows how white text looks on a background with the XYZ color 80.7964, 89.0754,

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

80.7964, 89.0754, 60.5118

Protanopia

83.5347, 88.9813, 68.0307

Deuteranopia

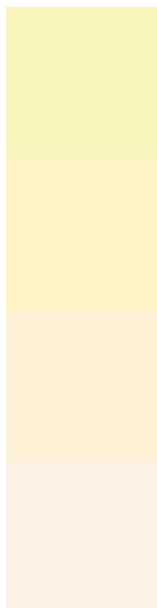
86.5429, 89.2373, 86.7920



Tritanopia

89.2538, 88.9202, 105.3876

Trichromacy



Original Color

80.7964, 89.0754, 60.5118

Protanomaly

82.5224, 88.9694, 65.0480

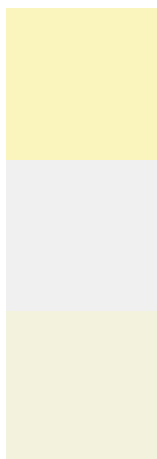
Deuteranomaly

84.3977, 89.2419, 76.3955

Tritanomaly

85.8110, 88.8600, 86.7577

Monochromacy



Original Color

80.7964, 89.0754, 60.5118

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

81.7654, 87.7794, 81.0402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.7964, 89.0754, 60.5118 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(249, 245, 188)` looks like.

```
.text, #text, p{  
    color:rgb(249, 245, 188)  
}
```

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(249, 245, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 245, 188) }
```

Border

The CSS property to change the border of an element to XYZ 80.7964, 89.0754, 60.5118 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(249, 245, 188) }
```


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

```
.border{ border-color:rgb(249, 245, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 245, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 245, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 245, 188); box-shadow:4px 4px 4px 4px rgb(249, 245, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 80.7964, 89.0754, 60.5118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 245, 188) }
```

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

```
.background{ background-color: rgb(249,  
245, 188) }
```

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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