

Converting Colors

XYZ(93.0590, 94.0171, 61.3123)

Have a look what the booklet for
XYZ(93.0590, 94.0171, 61.3123)
contains.

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Color

**XYZ(82.1774, 88.4384,
60.8832)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF2BD
RGB	255, 242, 189
RGB Percent	100%, 95%, 74%
CMY	0.0000, 0.0510, 0.2588
CMYK	0.00, 0.05, 0.26, 0.00
HSL	48°, 100%, 87%
HSV	48°, 26%, 100%
XYZ	82.1774, 88.4384, 60.8832
YIQ	239.8450, 24.7610, -13.7270

Conversions

Conversions Part 2

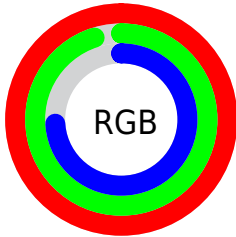
Format	Color
R_{YB}	205, 255, 189
Decimal	16773821
CIE Lab	95.35, -3.61, 27.21
CIE LCh	95, 27.443, 97.551
Yxy	88.4384, 0.3550, 0.3820
Android (android.graphics.Color)	4294963901 (0xFFFFF2BD)
YUV	239.8450, -25.0666, 13.2909
Hunter-Lab	94.0417, -8.5925, 27.4445

Details

The XYZ color **82.1774, 88.4384, 60.8832** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.1563, 60.2781, 103.0720**, and the grayscale version is **82.8814, 87.1977, 94.9583**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **45.2208, 48.8728, 29.9717** is the 20% darker color. If you saturate the color by 10%, you get **78.1761, 84.4827, 47.0731**, and if you desaturate by 10%, it is **86.7108, 92.6787, 77.2737**.

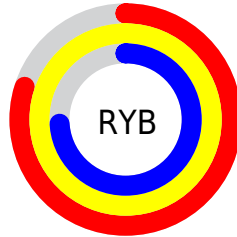
Distribution



Red (100%)

Green (95%)

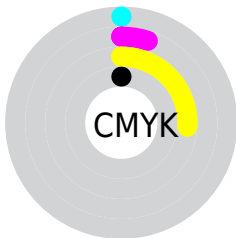
Blue (74%)



Red (80%)

Yellow (100%)

Blue (74%)

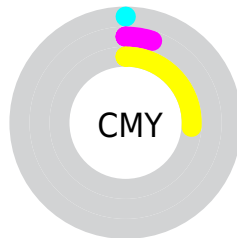


Cyan (0%)

Magenta (5%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.1774, 88.4384, 60.8832 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 82.1774, 88.4384, 60.8832 by changing the saturation by 10% instead.


 82.1774, 88.4384,
60.8832

 82.1774, 88.4384,
60.8832


490.8664,
522.9378, 445.7403

 61.8264, 66.6862,
43.7010

 135.3573,
145.1673, 107.6657

 45.1475, 48.8297,
30.1000


168.9168,
180.9129, 138.1030

 31.7754, 34.4844,
19.6618


207.6100,
222.0917, 173.7958

 21.3447, 23.2660,
11.9678

251.8020,
269.0881, 215.1626

 13.4901, 14.7900,
6.5995

301.8583,
322.2865, 262.6219

 7.8462, 8.6721,
3.1383

358.1442,

 4.0477, 4.5280,

382.0713, 316.5922

1.1657

421.0252,
448.8270, 377.4922

■ 1.7291, 1.9731,
0.0000

■ 0.4744, 0.5917,
0.0000

■ 82.1774, 88.4384,
60.8832

■ 82.1774, 88.4384,
60.8832

■ 78.1761, 84.4827,
47.0731

■ 86.7108, 92.6787,
77.2737

■ 74.6746, 80.7890,
35.7036

■ 91.7937, 97.2019,
96.3635

■ 71.6468, 77.3494,
26.6299

95.0500, 100.0000,
108.9000

■ 69.0617, 74.1509,
19.6899

■ 66.8842, 71.1789,
14.6999

■ 65.0730, 68.4165,
11.4452

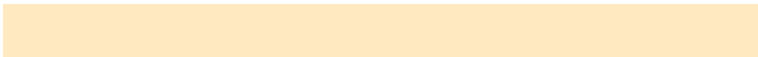
■ 63.5774, 65.8427,
9.6597

■ 63.0226, 64.8252,
9.1909

Harmonies

Analogous

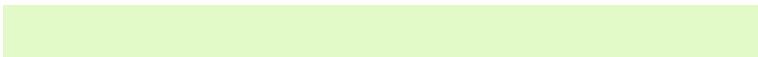
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.6855, 88.4384, 62.9477



82.1774, 88.4384, 60.8832



75.5725, 88.4384, 67.1243

Triad

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



82.1774, 88.4384, 60.8832



73.1364, 88.4384, 123.7199



98.1017, 88.4384, 112.9406

Complementary

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



82.1774, 88.4384, 60.8832



60.1563, 60.2781, 103.0720

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.



93.1562, 88.4384, 132.8858



82.1774, 88.4384, 60.8832



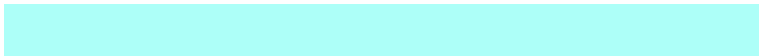
78.6711, 88.4384, 139.7264

Square

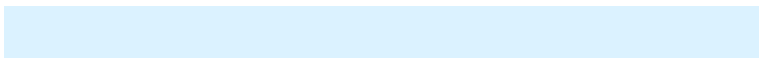
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1774, 88.4384, 60.8832



70.5584, 88.4384, 101.8237



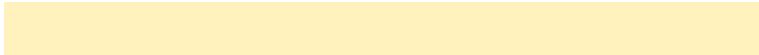
85.9672, 88.4384, 143.3087



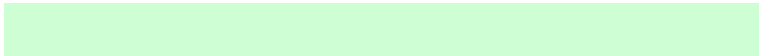
99.1783, 88.4384, 90.9690

Rectangle

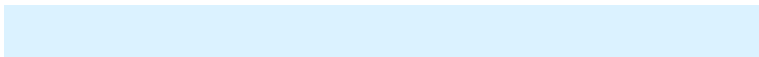
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.1774, 88.4384, 60.8832



72.4675, 88.4384, 75.7927



85.9672, 88.4384, 143.3087



96.8229, 88.4384, 120.1952

Sweetspot

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



82.1796, 88.4423, 60.8851



90.6697, 96.2192, 92.0880



70.1226, 61.9299, 64.2602



19.2395, 20.4472, 19.0770



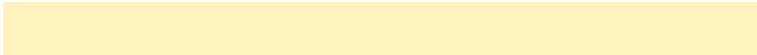
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

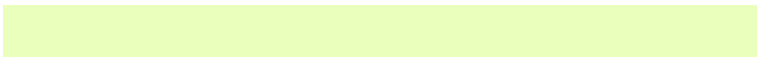
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1796, 88.4423, 60.8851



80.0661, 86.3817, 53.5018



79.2728, 92.8906, 61.8969



19.2395, 20.4472, 19.0770



33.0380, 34.0873, 4.8382



3.2907, 3.4667, 0.4957

Inverse Universe

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



60.1563, 60.2781, 103.0720



54.6861, 53.9301, 102.1350



62.4864, 57.1425, 102.3439



17.2925, 17.9566, 22.8045



10.1136, 5.1367, 49.8930



1.0566, 0.6438, 4.8819

Previews

White Background



This preview shows how the XYZ color 82.1774, 88.4384, 60.8832 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 82.1774, 88.4384, 60.8832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

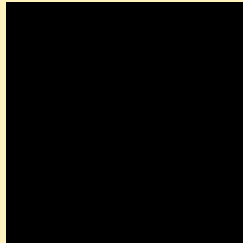
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.1774, 88.4384, 60.8832

Background



This preview shows how black text looks on a background with the XYZ color 82.1774, 88.4384, 60.8832.

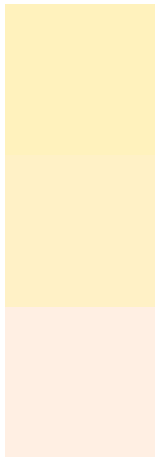


This preview shows how white text looks on a background with the XYZ color 82.1774, 88.4384,

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

82.1774, 88.4384, 60.8832

Protanopia

82.8883, 88.2478, 66.0909

Deuteranopia

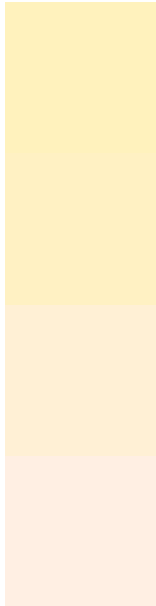
85.9716, 88.5391, 85.2316



Tritanopia

88.4675, 88.6057, 101.2468

Trichromacy



Original Color

82.1774, 88.4384, 60.8832

Protanomaly

82.5456, 88.1107, 64.2862

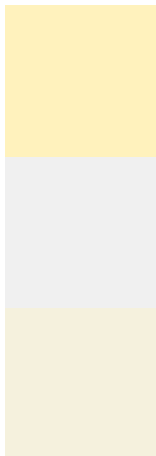
Deuteranomaly

84.4103, 88.3843, 75.5618

Tritanomaly

85.9716, 88.5391, 85.2316

Monochromacy



Original Color

82.1774, 88.4384, 60.8832

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.1626, 87.5435, 80.9738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1774, 88.4384, 60.8832 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(255, 242, 189)` looks like.

```
.text, #text, p{  
  color:rgb(255, 242, 189)  
}
```

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(255, 242, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 189) }
```

Border

The CSS property to change the border of an element to XYZ 82.1774, 88.4384, 60.8832 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(255, 242, 189) }
```


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

```
.border{ border-color:rgb(255, 242, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 242, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1774, 88.4384, 60.8832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 189) }
```

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

```
.background{ background-color: rgb(255,  
242, 189) }
```

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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