

Converting Colors

XYZ(84.5804, 84.4166, 60.8289)

Have a look what the booklet for
XYZ(84.5804, 84.4166, 60.8289)
contains.

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Color

**XYZ(78.8311, 81.5713,
60.3052)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFE6BE |
| RGB | 255, 230, 190 |
| RGB Percent | 100%, 90%, 75% |
| CMY | 0.0000, 0.0980, 0.2549 |
| CMYK | 0.00, 0.10, 0.25, 0.00 |
| HSL | 37°, 100%, 87% |
| HSV | 37°, 25%, 100% |
| XYZ | 78.8311, 81.5713, 60.3052 |
| YIQ | 232.9150, 27.7400, -7.1400 |

Conversions

Conversions Part 2

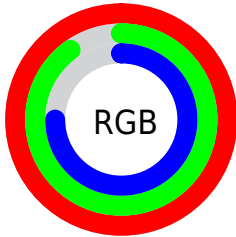
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 231, 255, 190 |
| Decimal | 16770750 |
| CIELab | 92.39, 2.60, 22.63 |
| CIELCh | 92, 22.774, 83.453 |
| Yxy | 81.5713, 0.3572, 0.3696 |
| Android (android.graphics.Color) | 4294960830 (0xFFFFE6BE) |
| YUV | 232.9150, -21.1571, 19.3685 |
| Hunter-Lab | 90.3168, -2.2546, 23.6334 |

Details

The XYZ color **78.8311, 81.5713, 60.3052** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **63.5850, 66.7661, 104.1436**, and the grayscale version is **77.5294, 81.5669, 88.8264**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **43.0626, 44.4433, 29.6013** is the 20% darker color. If you saturate the color by 10%, you get **73.6322, 75.2503, 46.0040**, and if you desaturate by 10%, it is **84.6751, 88.4016, 77.2290**.

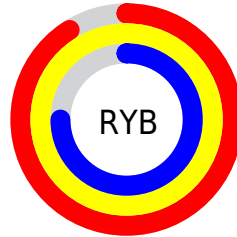
Distribution



Red (100%)

Green (90%)

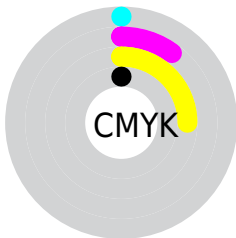
Blue (75%)



Red (91%)

Yellow (100%)

Blue (75%)

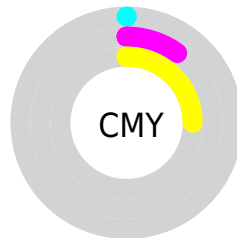


Cyan (0%)

Magenta (10%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.8311, 81.5713, 60.3052 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 78.8311, 81.5713, 60.3052 by changing the saturation by 10% instead.

 78.8311, 81.5713,
60.3052

 78.8311, 81.5713,
60.3052


479.7815,
500.2126, 443.5577

 59.0621, 61.0122,
43.2378


 130.6802,
135.5727, 106.8200

 42.9097, 44.2350,
29.7389


163.4911,
169.7837, 137.1044

 30.0085, 30.8553,
19.3902


201.3799,
209.3143, 172.6316

 19.9931, 20.4887,
11.7729

244.7121,
254.5486, 213.8201

 12.4983, 12.7508,
6.4686

293.8530,
305.8713, 261.0884

 7.1586, 7.2572,
3.0587

349.1680,

 3.6087, 3.6234,

363.6665, 314.8550

1.1247

411.0224,
428.3188, 375.5386

■ 1.4832, 1.4652,
0.0000

■ 0.3144, 0.2641,
0.0000

■ 78.8311, 81.5713,
60.3052

■ 78.8311, 81.5713,
60.3052

■ 73.6322, 75.2503,
46.0040

■ 84.6751, 88.4016,
77.2290

■ 69.0446, 69.4127,
34.1858

■ 91.1843, 95.7446,
96.8952

■ 65.0401, 64.0458,
24.7055

95.0500, 100.0000,
108.9000

■ 61.5853, 59.1321,
17.4007

■ 58.6429, 54.6524,
12.0881

■ 56.1696, 50.5848,
8.5538

■ 54.1125, 46.9037,
6.5333

■ 53.2876, 45.3552,
5.9459

Harmonies

Analogous

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



84.4808, 81.5713, 65.2010



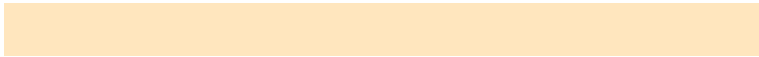
78.8311, 81.5713, 60.3052



73.1055, 81.5713, 62.2341

Triad

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



78.8311, 81.5713, 60.3052



67.5877, 81.5713, 102.3779



87.0013, 81.5713, 109.5912

Complementary

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



78.8311, 81.5713, 60.3052



63.5850, 66.7661, 104.1436

Split Complementary

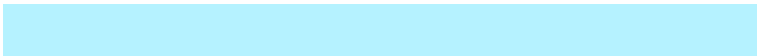
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.1318, 81.5713, 122.0614



78.8311, 81.5713, 60.3052



70.9734, 81.5713, 117.5417

Square

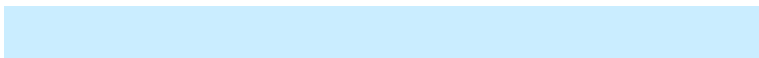
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.8311, 81.5713, 60.3052



66.8034, 81.5713, 85.1659



76.2454, 81.5713, 125.1411



89.3498, 81.5713, 92.5715

Rectangle

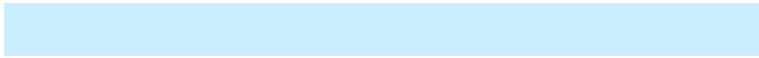
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.8311, 81.5713, 60.3052



69.9916, 81.5713, 67.2684



76.2454, 81.5713, 125.1411



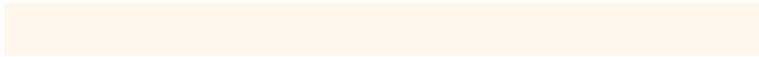
85.5934, 81.5713, 114.5371

Sweetspot

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



78.8330, 81.5749, 60.3069



89.4860, 93.8518, 91.6934



72.0487, 63.0457, 73.3382



18.9403, 19.8488, 18.9773



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.



78.8330, 81.5749, 60.3069



75.8895, 78.0285, 52.1096



83.9435, 95.2858, 62.6840



18.9403, 19.8488, 18.9773



27.9929, 23.9971, 3.1565



2.8314, 2.5482, 0.3426

Inverse Universe

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



63.5850, 66.7661, 104.1436



58.0982, 60.7542, 103.2724



59.3596, 55.8509, 102.2595



17.5756, 18.5229, 22.8989



11.8498, 8.6092, 50.4718



1.2556, 1.0420, 4.9482

Previews

White Background



This preview shows how the XYZ color 78.8311, 81.5713, 60.3052 looks on a white background.

Color Contrast Check

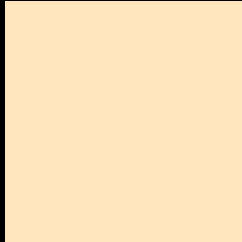
Large Text (above 18pt) WCAG AA × Fail

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 78.8311, 81.5713, 60.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

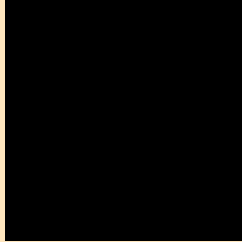
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.8311, 81.5713, 60.3052

Background



This preview shows how black text looks on a background with the XYZ color 78.8311, 81.5713, 60.3052.

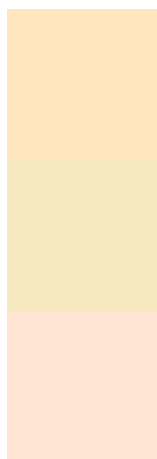


This preview shows how white text looks on a background with the XYZ color 78.8311, 81.5713,

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

78.8311, 81.5713, 60.3052

Protanopia

76.9007, 81.8136, 61.0287

Deuteranopia

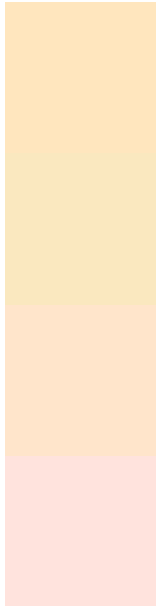
80.7413, 81.4500, 73.0939



Tritanopia

83.7452, 81.3424, 92.9482

Trichromacy



Original Color

78.8311, 81.5713, 60.3052

Protanomaly

77.6849, 81.7988, 60.9845

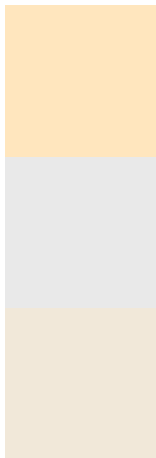
Deuteranomaly

80.0388, 81.6104, 68.0338

Tritanomaly

81.7602, 81.4186, 79.8128

Monochromacy



Original Color

78.8311, 81.5713, 60.3052

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.6566, 81.4238, 77.2691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.8311, 81.5713, 60.3052 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, 230, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 190)  
}
```

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, 230, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 190) }
```

Border

The CSS property to change the border of an element to XYZ 78.8311, 81.5713, 60.3052 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, 230, 190) }
```


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

```
.border{ border-color:rgb(255, 230, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8311, 81.5713, 60.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 190) }
```

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

```
.background{ background-color: rgb(255,  
230, 190) }
```

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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