

Converting Colors

XYZ(80.6370, 84.0481, 64.4066)

Have a look what the booklet for
XYZ(80.6370, 84.0481, 64.4066)
contains.

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Color

**XYZ(80.6266, 84.0912,
64.2063)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFEAC4 |
| RGB | 255, 234, 196 |
| RGB Percent | 100%, 92%, 77% |
| CMY | 0.0000, 0.0823, 0.2314 |
| CMYK | 0.00, 0.08, 0.23, 0.00 |
| HSL | 39°, 100%, 88% |
| HSV | 39°, 23%, 100% |
| XYZ | 80.6266, 84.0912, 64.2063 |
| YIQ | 235.9470, 24.7140, -7.3660 |

Conversions

Conversions Part 2

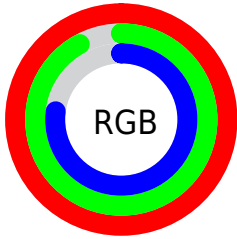
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 229, 255, 196 |
| Decimal | 16771780 |
| CIE _{Lab} | 93.49, 1.37, 21.06 |
| CIE _{LCh} | 93, 21.107, 86.266 |
| Yxy | 84.0912, 0.3522, 0.3673 |
| Android (android.graphics.Color) | 4294961860 (0xFFFFEAC4) |
| YUV | 235.9470, -19.6939, 16.7095 |
| Hunter-Lab | 91.7013, -3.5344, 22.6779 |

Details

The XYZ color **80.6266, 84.0912, 64.2063** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **65.6271, 68.5794, 104.3860**, and the grayscale version is **79.8228, 83.9798, 91.4540**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **44.0916, 45.7996, 32.1075** is the 20% darker color. If you saturate the color by 10%, you get **75.4503, 77.9954, 49.3576**, and if you desaturate by 10%, it is **86.4327, 90.6565, 81.7007**.

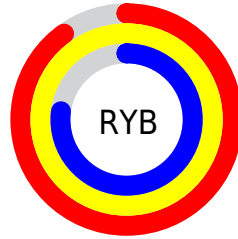
Distribution



Red (100%)

Green (92%)

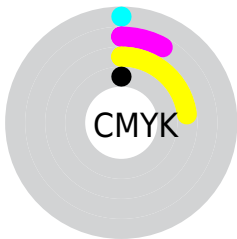
Blue (77%)



Red (90%)

Yellow (100%)

Blue (77%)

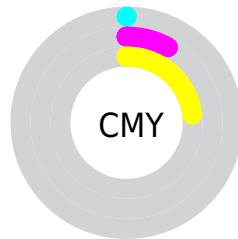


Cyan (0%)

Magenta (8%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (8%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.6266, 84.0912, 64.2063 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 80.6266, 84.0912, 64.2063 by changing the saturation by 10% instead.


 80.6266, 84.0912,
64.2063

 80.6266, 84.0912,
64.2063


485.7464,
508.6160, 458.1621

 60.5444, 63.0907,
46.3705


133.1922,
139.1027, 112.5103

 44.1087, 45.9146,
32.1875


166.4064,
173.8826, 143.8156

 30.9542, 32.1784,
21.2388

204.7285,
214.0244, 180.4479

 20.7157, 21.4978,
13.1057

248.5239,
259.9125, 222.8256

 13.0276, 13.4884,
7.3698

298.1581,
311.9313, 271.3674

 7.5247, 7.7657,
3.6125

353.9963,

 3.8416, 3.9454,

370.4653, 326.4917

1.4153

416.4040,
435.8987, 388.6171

■ 1.6129, 1.6431,
0.1536

■ 0.4008, 0.3864,
0.0000

■ 80.6266, 84.0912,
64.2063

■ 80.6266, 84.0912,
64.2063

■ 75.4503, 77.9954,
49.3576

■ 86.4327, 90.6565,
81.7007

■ 70.8707, 72.3439,
37.0173

■ 92.8876, 97.6931,
101.9582

■ 66.8608, 67.1256,
27.0438

95.0500, 100.0000,
108.9000

■ 63.3886, 62.3245,
19.2790

■ 60.4185, 57.9230,
13.5454

■ 57.9094, 53.9011,
9.6375

■ 55.8119, 50.2356,
7.3060

■ 54.5624, 47.9049,
6.3708

Harmonies

Analogous

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



86.0306, 84.0912, 68.3214



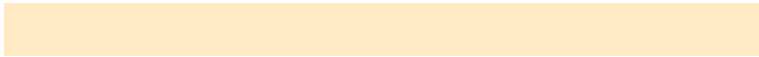
80.6266, 84.0912, 64.2063



75.2738, 84.0912, 66.6891

Triad

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



80.6266, 84.0912, 64.2063



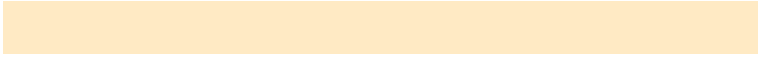
70.6901, 84.0912, 105.8358



89.1801, 84.0912, 109.6976

Complementary

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



80.6266, 84.0912, 64.2063



65.6271, 68.5794, 104.3860

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.



84.7664, 84.0912, 121.9558



80.6266, 84.0912, 64.2063



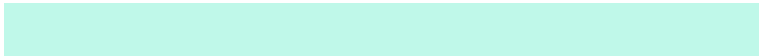
74.1175, 84.0912, 119.5504

Square

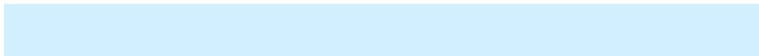
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.6266, 84.0912, 64.2063



69.6956, 84.0912, 89.5754



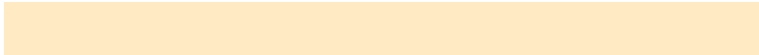
79.2298, 84.0912, 125.7544



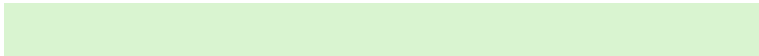
91.1118, 84.0912, 93.5758

Rectangle

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



80.6266, 84.0912, 64.2063



72.4253, 84.0912, 71.9282



79.2298, 84.0912, 125.7544



87.9278, 84.0912, 114.4761

Sweetspot

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



80.6287, 84.0949, 64.2081



90.3151, 94.9174, 93.7965



73.5875, 65.7836, 74.8982



19.2470, 20.2248, 19.8116



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

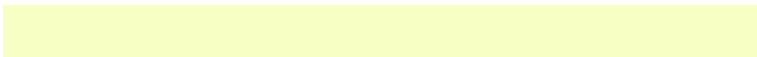
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.6287, 84.0949, 64.2081



78.0336, 81.0715, 56.6634



84.1289, 95.3041, 66.1872



18.9856, 19.9393, 18.9924



28.6562, 25.3236, 3.3776



2.8933, 2.6720, 0.3633

Inverse Universe

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



65.6271, 68.5794, 104.3860



60.5235, 62.9652, 103.5713



62.6561, 59.5195, 102.7938



17.5319, 18.4353, 22.8843



11.5019, 7.9133, 50.3558



1.2185, 0.9677, 4.9358

Previews

White Background



This preview shows how the XYZ color 80.6266, 84.0912, 64.2063 looks on a white background.

Color Contrast Check

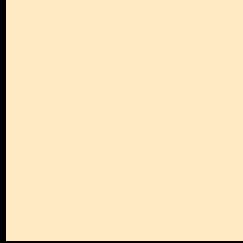
Large Text (above 18pt) WCAG AA × Fail

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 80.6266, 84.0912, 64.2063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

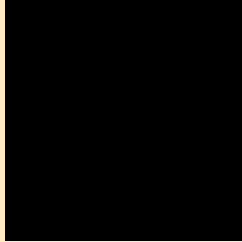
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.6266, 84.0912, 64.2063

Background



This preview shows how black text looks on a background with the XYZ color 80.6266, 84.0912, 64.2063.

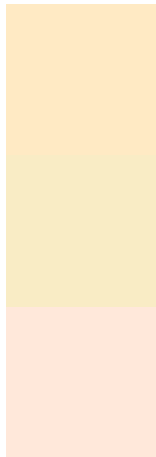


This preview shows how white text looks on a background with the XYZ color 80.6266, 84.0912,

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

80.6266, 84.0912, 64.2063

Protanopia

79.1404, 84.1619, 64.8970

Deuteranopia

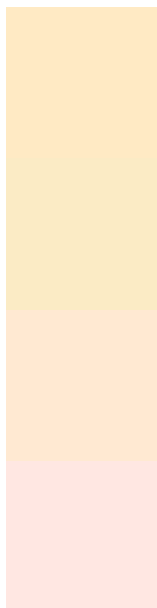
82.7515, 84.0352, 78.1886



Tritanopia

85.7145, 84.3247, 96.5527

Trichromacy



Original Color

80.6266, 84.0912, 64.2063

Protanomaly

79.5700, 83.9571, 64.8349

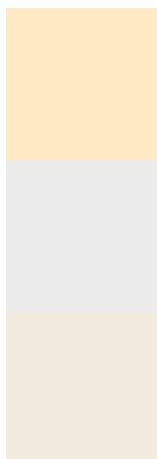
Deuteranomaly

82.0118, 84.1910, 72.9008

Tritanomaly

83.5434, 83.9028, 83.7432

Monochromacy



Original Color

80.6266, 84.0912, 64.2063

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.7216, 83.6918, 80.3590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.6266, 84.0912, 64.2063 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, 234, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 196)  
}
```

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, 234, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 196) }
```

Border

The CSS property to change the border of an element to XYZ 80.6266, 84.0912, 64.2063 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, 234, 196) }
```


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

```
.border{ border-color:rgb(255, 234, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 234, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 80.6266, 84.0912, 64.2063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 196) }
```

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

```
.background{ background-color: rgb(255,  
234, 196) }
```

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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