

Converting Colors

XYZ(80.9097, 77.9791, 60.4781)

Have a look what the booklet for
XYZ(80.9097, 77.9791, 60.4781)
contains.

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Color

**XYZ(75.8258, 75.2086,
60.3894)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDAC0
RGB	255, 218, 192
RGB Percent	100%, 85%, 75%
CMY	0.0000, 0.1451, 0.2471
CMYK	0.00, 0.15, 0.25, 0.00
HSL	25°, 100%, 88%
HSV	25°, 25%, 100%
XYZ	75.8258, 75.2086, 60.3894
YIQ	226.0990, 30.3980, -0.2420

Conversions

Conversions Part 2

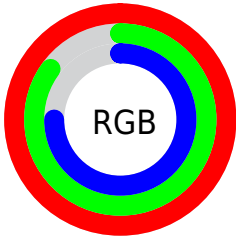
Format	Color
R _Y B	255, 236, 192
Decimal	16767680
CIE Lab	89.49, 9.03, 17.56
CIE LCh	89, 19.742, 62.792
Yxy	75.2086, 0.3586, 0.3557
Android (android.graphics.Color)	4294957760 (0xFFFFDAC0)
YUV	226.0990, -16.8108, 25.3462
Hunter-Lab	86.7229, 4.3057, 19.4195

Details

The XYZ color **75.8258, 75.2086, 60.3894** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.8067, 74.4627, 105.4067**, and the grayscale version is **72.4643, 76.2381, 83.0233**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **40.9733, 40.0351, 29.6128** is the 20% darker color. If you saturate the color by 10%, you get **69.5326, 66.7588, 45.5391**, and if you desaturate by 10%, it is **82.9631, 84.5626, 77.9379**.

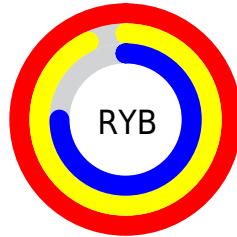
Distribution



Red (100%)

Green (85%)

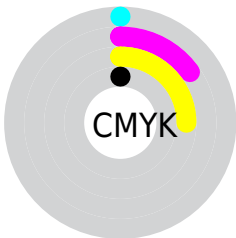
Blue (75%)



Red (100%)

Yellow (93%)

Blue (75%)

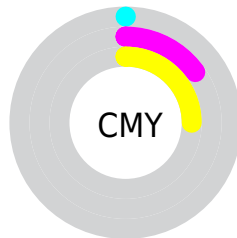


Cyan (0%)

Magenta (15%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8258, 75.2086, 60.3894 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 75.8258, 75.2086, 60.3894 by changing the saturation by 10% instead.


 75.8258, 75.2086,
60.3894

 75.8258, 75.2086,
60.3894

469.7047,
478.6342, 443.8760

 56.5862, 55.7838,
43.3052


 126.4623,
126.6076, 106.9432

 40.9120, 40.0296,
29.7915


158.5900,
159.3506, 137.2500

 28.4377, 27.5616,
19.4297


195.7443,
197.3018, 172.8013

 18.7980, 17.9955,
11.8012

238.2908,
240.8455, 214.0158

 11.6275, 10.9467,
6.4876

286.5947,
290.3663, 261.3120

 6.5610, 6.0310,
3.0702

341.0215,

 3.2330, 2.8640,

346.2484, 315.1084

1.1306

401.9363,
408.8762, 375.8236

■ 1.2781, 1.0611,
0.0000

■ 0.1668, 0.0000,
0.0000

■ 75.8258, 75.2086,
60.3894

■ 75.8258, 75.2086,
60.3894

■ 69.5326, 66.7588,
45.5391

■ 82.9631, 84.5626,
77.9379

■ 64.0435, 59.1745,
33.2463

■ 90.9713, 94.8379,
98.3062

■ 59.3232, 52.4289,
23.3645

95.0500, 100.0000,
108.9000

■ 55.3312, 46.4896,
15.7304

■ 52.0227, 41.3218,
10.1597

■ 49.3466, 36.8872,
6.4387

■ 47.2421, 33.1427,
4.3052

■ 46.3181, 31.4162,
3.6227

Harmonies

Analogous

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



79.6000, 75.2086, 68.2795



75.8258, 75.2086, 60.3894



71.0309, 75.2086, 58.0381

Triad

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



75.8258, 75.2086, 60.3894



62.5810, 75.2086, 83.1953



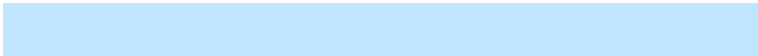
76.6458, 75.2086, 106.4138

Complementary

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



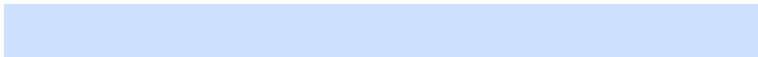
75.8258, 75.2086, 60.3894



67.8067, 74.4627, 105.4067

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.



71.9380, 75.2086, 111.5160



75.8258, 75.2086, 60.3894



63.9385, 75.2086, 97.1973

Square

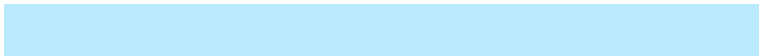
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.8258, 75.2086, 60.3894



63.5183, 75.2086, 70.2921



67.3103, 75.2086, 107.9682



80.0882, 75.2086, 94.6968

Rectangle

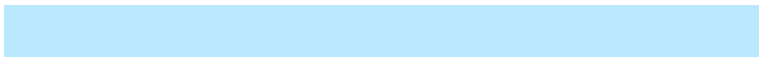
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.8258, 75.2086, 60.3894



67.9368, 75.2086, 59.6834



67.3103, 75.2086, 107.9682



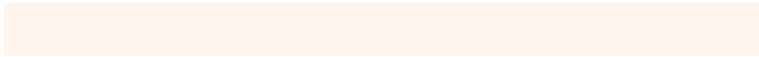
75.1515, 75.2086, 109.0156

Sweetspot

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



75.8277, 75.2120, 60.3910



89.0548, 92.3969, 93.3764



74.3449, 64.6620, 83.2788



18.9552, 19.6411, 19.7143



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.



75.8277, 75.2120, 60.3910



72.3921, 70.6262, 52.1999



84.5377, 92.6320, 63.2943



18.6252, 19.2186, 18.8722



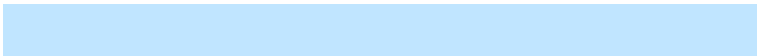
24.3408, 16.6928, 1.9391



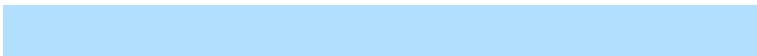
2.4745, 1.8344, 0.2237

Inverse Universe

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



67.8067, 74.4627, 105.4067



63.0256, 69.7454, 104.7481



60.0517, 58.9528, 102.8217



17.8895, 19.1506, 23.0035



15.2594, 15.4284, 51.6083



1.5935, 1.7177, 5.0608

Previews

White Background



This preview shows how the XYZ color 75.8258, 75.2086, 60.3894 looks on a white background.

Color Contrast Check

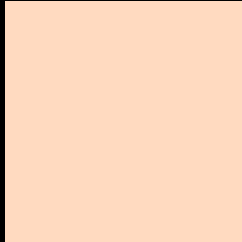
Large Text (above 18pt) WCAG AA × Fail

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 75.8258, 75.2086, 60.3894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

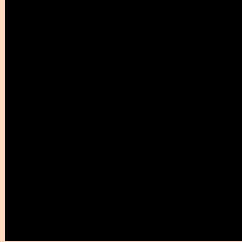
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8258, 75.2086, 60.3894

Background



This preview shows how black text looks on a background with the XYZ color 75.8258, 75.2086, 60.3894.



This preview shows how white text looks on a background with the XYZ color 75.8258, 75.2086,

60.3894.

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

75.8258, 75.2086, 60.3894

Protanopia

71.0981, 75.0843, 62.3752

Deuteranopia

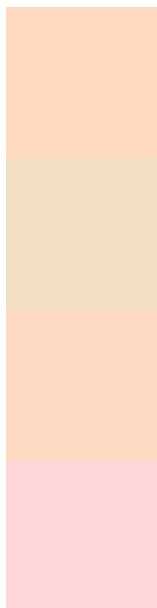
76.2752, 75.3883, 62.7558



Tritanopia

79.4294, 75.0103, 84.4208

Trichromacy



Original Color

75.8258, 75.2086, 60.3894

Protanomaly

72.8210, 75.1923, 61.7144

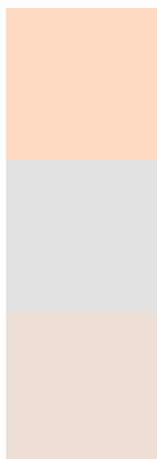
Deuteranomaly

76.1617, 75.3429, 62.1582

Tritanomaly

77.9351, 74.8187, 75.2996

Monochromacy



Original Color

75.8258, 75.2086, 60.3894

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.4503, 75.6349, 74.3461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8258, 75.2086, 60.3894 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, 218, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 192)  
}
```

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, 218, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 192) }
```

Border

The CSS property to change the border of an element to XYZ 75.8258, 75.2086, 60.3894 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, 218, 192) }
```


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

```
.border{ border-color:rgb(255, 218, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8258, 75.2086, 60.3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 192) }
```

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

```
.background{ background-color: rgb(255,  
218, 192) }
```

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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