

Converting Colors

XYZ(78.1734, 78.4833, 63.3608)

Have a look what the booklet for
XYZ(78.1734, 78.4833, 63.3608)
contains.

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Color

**XYZ(77.5915, 78.0209,
63.1946)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFC4
RGB	255, 223, 196
RGB Percent	100%, 87%, 77%
CMY	0.0000, 0.1255, 0.2314
CMYK	0.00, 0.13, 0.23, 0.00
HSL	27°, 100%, 88%
HSV	27°, 23%, 100%
XYZ	77.5915, 78.0209, 63.1946
YIQ	229.4900, 27.7390, -1.6130

Conversions

Conversions Part 2

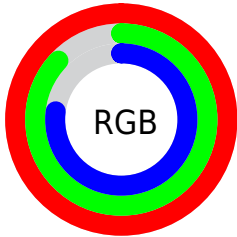
Format	Color
R_{YB}	255, 246, 196
Decimal	16768964
CIE _{Lab}	90.79, 7.00, 17.29
CIE _{LCh}	91, 18.655, 67.960
Yxy	78.0209, 0.3546, 0.3566
Android (android.graphics.Color)	4294959044 (0xFFFFDFC4)
YUV	229.4900, -16.5106, 22.3723
Hunter-Lab	88.3294, 2.2238, 19.4120

Details

The XYZ color **77.5915, 78.0209, 63.1946** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.5576, 74.4403, 105.3628**, and the grayscale version is **74.9424, 78.8452, 85.8624**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **42.1738, 41.9640, 31.4683** is the 20% darker color. If you saturate the color by 10%, you get **71.3875, 69.8697, 48.0032**, and if you desaturate by 10%, it is **84.5944, 86.9798, 81.0879**.

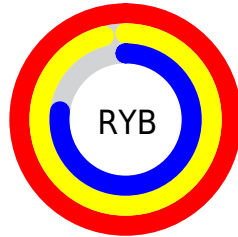
Distribution



Red (100%)

Green (87%)

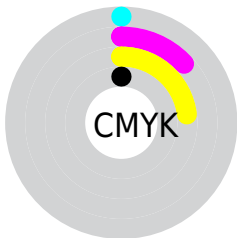
Blue (77%)



Red (100%)

Yellow (96%)

Blue (77%)

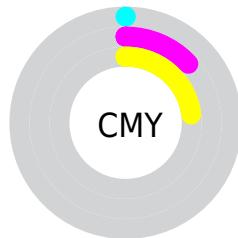


Cyan (0%)

Magenta (13%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.5915, 78.0209, 63.1946 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 77.5915, 78.0209, 63.1946 by changing the saturation by 10% instead.


 77.5915, 78.0209,
63.1946

 77.5915, 78.0209,
63.1946

475.6395,
488.2378, 454.4028

 58.0401, 58.0911,
45.5566


128.9425,
130.5796, 111.0385

 42.0843, 41.8819,
31.5500


161.4728,
163.9773, 142.0815

 29.3587, 29.0089,
20.7560


199.0602,
202.6331, 178.4300

 19.4980, 19.0875,
12.7563

242.0699,
246.9315, 220.5024

 12.1368, 11.7335,
7.1322

290.8673,
297.2567, 268.7174

 6.9098, 6.5625,
3.4652

345.8178,

 3.4516, 3.1900,

353.9933, 323.4934

1.3368

407.2867,
417.5255, 385.2490

■ 1.3968, 1.2317,
0.0917

■ 0.2540, 0.0874,
0.0000

■ 77.5915, 78.0209,
63.1946

■ 77.5915, 78.0209,
63.1946

■ 71.3875, 69.8697,
48.0032

■ 84.5944, 86.9798,
81.0879

■ 65.9446, 62.4916,
35.3752

■ 92.4207, 96.7593,
101.8025

■ 61.2302, 55.8643,
25.1669

95.0500, 100.0000,
108.9000

■ 57.2066, 49.9604,
17.2183

■ 53.8322, 44.7503,
11.3499

■ 51.0596, 40.2015,
7.3542

■ 48.8328, 36.2773,
4.9796

■ 47.5685, 33.9170,
4.0395

Harmonies

Analogous

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



81.4947, 78.0209, 70.0378



77.5915, 78.0209, 63.1946



72.9149, 78.0209, 61.8592

Triad

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



77.5915, 78.0209, 63.1946



65.5810, 78.0209, 88.5778



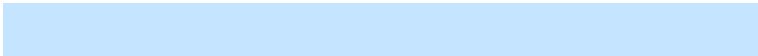
79.8418, 78.0209, 106.9795

Complementary

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



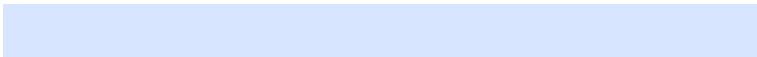
77.5915, 78.0209, 63.1946



68.5576, 74.4403, 105.3628

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.



75.4121, 78.0209, 113.1757



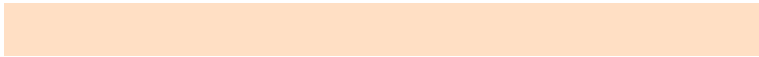
77.5915, 78.0209, 63.1946



67.2727, 78.0209, 101.8449

Square

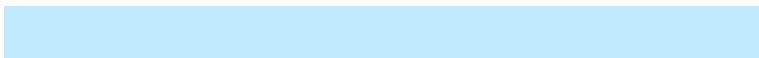
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.5915, 78.0209, 63.1946



66.1094, 78.0209, 75.6258



70.8245, 78.0209, 111.2039



82.8316, 78.0209, 95.0140

Rectangle

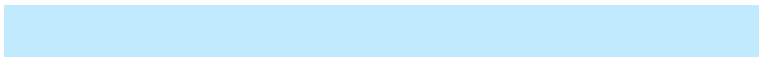
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.5915, 78.0209, 63.1946



70.0091, 78.0209, 64.1245



70.8245, 78.0209, 111.2039



78.4646, 78.0209, 109.8606

Sweetspot

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



77.5934, 78.0243, 63.1962



89.2974, 92.8820, 93.4573



75.0466, 66.3672, 82.5821



19.0113, 19.7533, 19.7330



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.



77.5934, 78.0243, 63.1962



74.4778, 73.9598, 55.4781



86.0301, 94.8979, 66.0085



18.6944, 19.3569, 18.8953



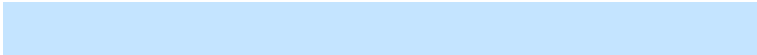
25.0008, 18.0127, 2.1591



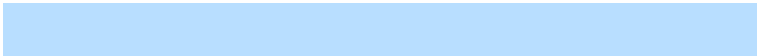
2.5419, 1.9692, 0.2461

Inverse Universe

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



68.5576, 74.4403, 105.3628



63.9275, 69.7732, 104.7060



61.2277, 59.7806, 102.9195



17.8192, 19.0100, 22.9801



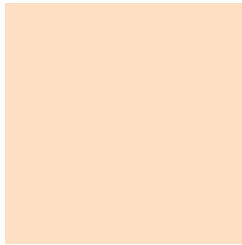
14.3528, 13.6152, 51.3061



1.5068, 1.5443, 5.0319

Previews

White Background



This preview shows how the XYZ color 77.5915, 78.0209, 63.1946 looks on a white background.

Color Contrast Check

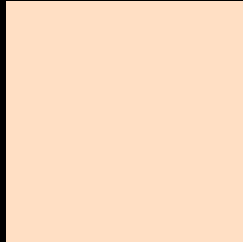
Large Text (above 18pt) WCAG AA × Fail

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 77.5915, 78.0209, 63.1946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

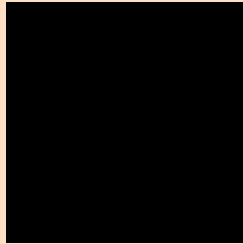
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.5915, 78.0209, 63.1946

Background



This preview shows how black text looks on a background with the XYZ color 77.5915, 78.0209, 63.1946.



This preview shows how white text looks on a background with the XYZ color 77.5915, 78.0209,

63.1946.

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

77.5915, 78.0209, 63.1946

Protanopia

73.9874, 78.1356, 65.2150

Deuteranopia

78.3807, 77.9103, 68.6647



Tritanopia

81.4228, 77.8635, 88.5796

Trichromacy



Original Color

77.5915, 78.0209, 63.1946

Protanomaly

75.0456, 77.8824, 64.5036

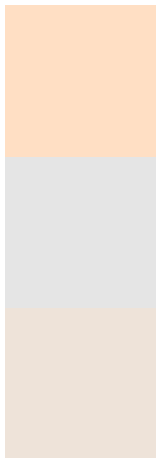
Deuteranomaly

78.0219, 77.7668, 66.7754

Tritanomaly

79.7515, 77.6137, 78.4877

Monochromacy



Original Color

77.5915, 78.0209, 63.1946

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.2534, 78.1251, 76.7590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5915, 78.0209, 63.1946 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, 223, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 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, 223, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 196) }
```

Border

The CSS property to change the border of an element to XYZ 77.5915, 78.0209, 63.1946 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, 223, 196) }
```


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

```
.border{ border-color:rgb(255, 223, 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, 223, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 223, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 223, 196); box-shadow:4px 4px 4px 4px rgb(255, 223, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5915, 78.0209, 63.1946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 196) }
```

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

```
.background{ background-color: rgb(255,  
223, 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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