

Converting Colors

XYZ(75.5308, 75.1318, 65.7807)

Have a look what the booklet for
XYZ(75.5308, 75.1318, 65.7807)
contains.

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Color

**XYZ(75.6578, 75.3893,
65.8223)**

Conversions

Conversions Part 1

Format	Color
Hex	FBDBC9
RGB	251, 219, 201
RGB Percent	98%, 86%, 79%
CMY	0.0157, 0.1412, 0.2118
CMYK	0.00, 0.13, 0.20, 0.02
HSL	22°, 86%, 89%
HSV	22°, 20%, 98%
XYZ	75.6578, 75.3893, 65.8223
YIQ	226.5160, 24.8500, 1.1860

Conversions

Conversions Part 2

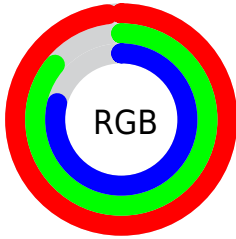
Format	Color
R _Y B	251, 229, 201
Decimal	16505801
CIE Lab	89.58, 8.32, 12.92
CIE LCh	90, 15.364, 57.213
Yxy	75.3893, 0.3489, 0.3476
Android (android.graphics.Color)	4294695881 (0xFFFBDBC9)
YUV	226.5160, -12.5794, 21.4725
Hunter-Lab	86.8270, 3.5909, 15.8320

Details

The XYZ color **75.6578, 75.3893, 65.8223** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.6384, 77.6585, 102.5339**, and the grayscale version is **72.7397, 76.5278, 83.3388**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7901, 40.1268, 33.1991** is the 20% darker color. If you saturate the color by 10%, you get **68.9535, 66.3257, 50.1911**, and if you desaturate by 10%, it is **83.2531, 85.4614, 84.1325**.

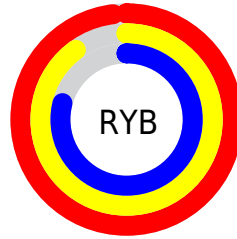
Distribution



Red (98%)

Green (86%)

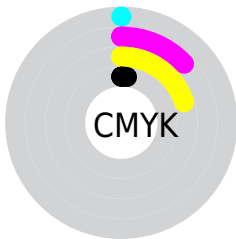
Blue (79%)



Red (98%)

Yellow (90%)

Blue (79%)

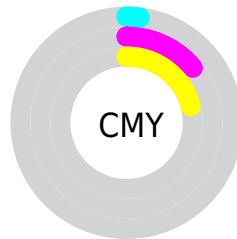


Cyan (0%)

Magenta (13%)

Yellow (20%)

Black (2%)



Cyan (2%)


Magenta (14%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6578, 75.3893, 65.8223 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 75.6578, 75.3893, 65.8223 by changing the saturation by 10% instead.


 75.6578, 75.3893,
65.8223

 75.6578, 75.3893,
65.8223

469.1379,
479.2546, 464.1280

 56.4480, 55.9319,
47.6726


126.2260,
126.8633, 114.8558

 40.8006, 40.1483,
33.2095


158.3151,
159.6486, 146.5767

 28.3503, 27.6542,
22.0146


195.4281,
197.6454, 183.6584

 18.7317, 18.0652,
13.6692

237.9303,
241.2380, 226.5195

 11.5794, 10.9968,
7.7548

286.1870,
290.8108, 275.5784

 6.5281, 6.0647,
3.8530

340.5636,

 3.2125, 2.8844,

346.7483, 331.2538

1.5450

401.4254,
409.4347, 393.9641

■ 1.2671, 1.0717,
0.2511

■ 0.1584, 0.0000,
0.0000

■ 75.6578, 75.3893,
65.8223

■ 75.6578, 75.3893,
65.8223

■ 68.9535, 66.3257,
50.1911

■ 83.2531, 85.4614,
84.1325

■ 63.0992, 58.2282,
37.1072

■ 91.7659, 96.5623,
105.2354

■ 58.0597, 51.0663,
26.4345

■ 93.5939, 99.2494,
108.8319

■ 53.7948, 44.8039,
18.0225

■ 50.2601, 39.4021,
11.7033

■ 47.4063, 34.8190,
7.2853

■ 45.1761, 31.0078,
4.5409

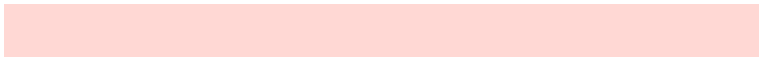
■ 43.4846, 27.9090,
3.1009

■ 43.4726, 27.8867,
3.0914

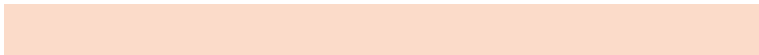
Harmonies

Analogous

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



78.3055, 75.3893, 72.9429



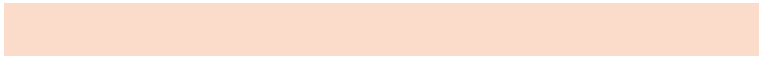
75.6578, 75.3893, 65.8223



72.0087, 75.3893, 63.0260

Triad

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



75.6578, 75.3893, 65.8223



64.6477, 75.3893, 81.0796



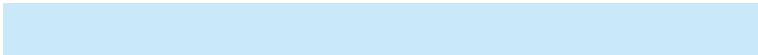
75.0258, 75.3893, 101.9936

Complementary

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



75.6578, 75.3893, 65.8223



70.6384, 77.6585, 102.5339

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.



71.3030, 75.3893, 104.6469



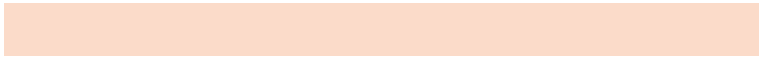
75.6578, 75.3893, 65.8223



65.3926, 75.3893, 91.9632

Square

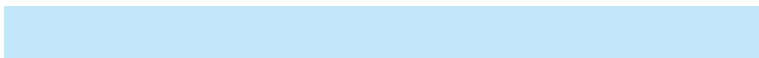
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6578, 75.3893, 65.8223



65.7252, 75.3893, 71.3369



67.7964, 75.3893, 100.8299



77.9317, 75.3893, 93.8644

Rectangle

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



75.6578, 75.3893, 65.8223



69.5289, 75.3893, 63.7890



67.7964, 75.3893, 100.8299



73.8246, 75.3893, 103.5849

Sweetspot

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



75.6598, 75.3927, 65.8239



89.6395, 92.9651, 95.4242



75.4506, 68.1953, 86.6529



19.0650, 19.7395, 20.1245



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.



75.6598, 75.3927, 65.8239



75.4695, 74.1748, 61.2607



82.5274, 89.1279, 68.1131



17.7562, 18.2482, 18.0488



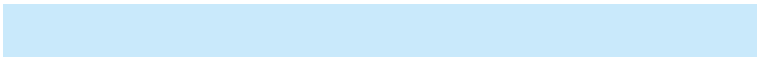
22.9760, 14.9087, 1.6667



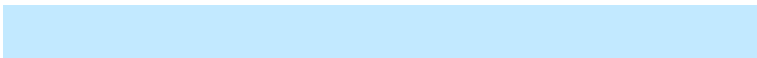
2.2244, 1.5737, 0.1865

Inverse Universe

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



70.6384, 77.6585, 102.5339



69.3750, 76.9193, 105.7982



64.1789, 64.7395, 100.3807



17.2094, 18.4956, 22.0483



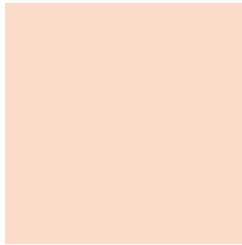
15.9598, 17.2751, 50.4668



1.5786, 1.8008, 4.7076

Previews

White Background



This preview shows how the XYZ color 75.6578, 75.3893, 65.8223 looks on a white background.

Color Contrast Check

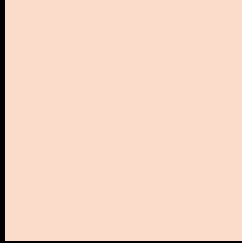
Large Text (above 18pt) WCAG AA × Fail

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 75.6578, 75.3893, 65.8223 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 75.6578, 75.3893, 65.8223

Background



This preview shows how black text looks on a background with the XYZ color 75.6578, 75.3893, 65.8223.



This preview shows how white text looks on a background with the XYZ color 75.6578, 75.3893,

65.8223.

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

75.6578, 75.3893, 65.8223

Protanopia

71.7560, 75.7025, 67.9568

Deuteranopia

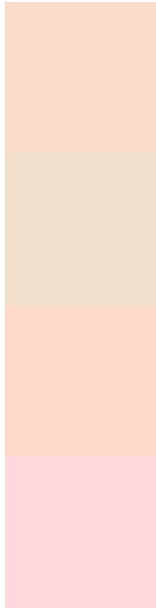
76.7135, 75.1500, 66.3393



Tritanopia

79.9642, 75.6304, 85.9849

Trichromacy



Original Color

75.6578, 75.3893, 65.8223

Protanomaly

73.1023, 75.6124, 67.2417

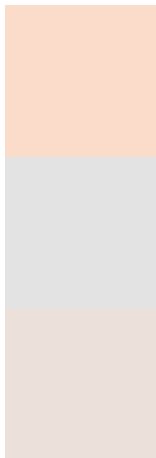
Deuteranomaly

76.6051, 75.4779, 66.4083

Tritanomaly

78.3472, 75.3499, 78.1248

Monochromacy



Original Color

75.6578, 75.3893, 65.8223

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.9026, 76.2061, 77.1438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6578, 75.3893, 65.8223 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(251, 219, 201)` looks like.

```
.text, #text, p{  
    color:rgb(251, 219, 201)  
}
```

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(251, 219, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 219, 201) }
```

Border

The CSS property to change the border of an element to XYZ 75.6578, 75.3893, 65.8223 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(251, 219, 201) }
```


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

```
.border{ border-color:rgb(251, 219, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 219, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 219, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 219, 201);  
box-shadow:4px 4px 4px 4px rgb(251, 219,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6578, 75.3893, 65.8223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 219, 201) }
```

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

```
.background{ background-color: rgb(251,  
219, 201) }
```

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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