

Converting Colors

XYZ(75.7775, 74.6650, 71.4156)

Have a look what the booklet for
XYZ(75.7775, 74.6650, 71.4156)
contains.

XYZ(75.8701, 74.6028, 71.3738)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.8701, 74.6028,
71.3738)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD9D2
RGB	250, 217, 210
RGB Percent	98%, 85%, 82%
CMY	0.0196, 0.1490, 0.1765
CMYK	0.00, 0.13, 0.16, 0.02
HSL	11°, 80%, 90%
HSV	11°, 16%, 98%
XYZ	75.8701, 74.6028, 71.3738
YIQ	226.0690, 21.9150, 4.8190

Conversions

Conversions Part 2

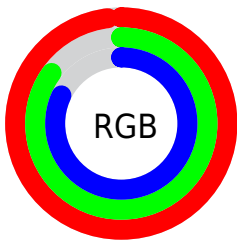
Format	Color
R _Y B	250, 218, 210
Decimal	16439762
CIE Lab	89.21, 10.34, 7.65
CIE LCh	89, 12.866, 36.510
Yxy	74.6028, 0.3420, 0.3363
Android (android.graphics.Color)	4294629842 (0xFF FAD9D2)
YUV	226.0690, -7.9220, 20.9875
Hunter-Lab	86.3729, 5.6421, 11.4671

Details

The XYZ color **75.8701, 74.6028, 71.3738** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.8839, 84.7034, 102.7932**, and the grayscale version is **72.3847, 76.1544, 82.9321**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9134, 39.5784, 36.9355** is the 20% darker color. If you saturate the color by 10%, you get **68.0084, 63.4801, 54.5682**, and if you desaturate by 10%, it is **84.8868, 87.2553, 90.9665**.

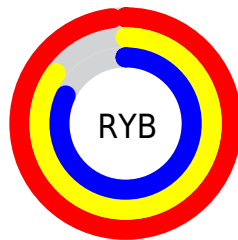
Distribution



Red (98%)

Green (85%)

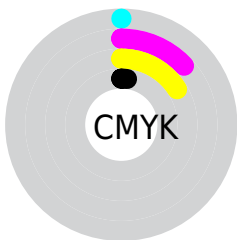
Blue (82%)



Red (98%)

Yellow (85%)

Blue (82%)

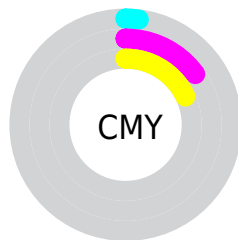


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (2%)



Cyan (2%)


Magenta (15%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.8701, 74.6028, 71.3738 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 75.8701, 74.6028, 71.3738 by changing the saturation by 10% instead.


 75.8701, 74.6028,
71.3738

 75.8701, 74.6028,
71.3738


469.8541,
476.5512, 484.2779

 56.6227, 55.2876,
52.1636


126.5246,
125.7499, 122.8652

 40.9413, 39.6320,
36.7524


158.6624,
158.3506, 155.9836

 28.4607, 27.2517,
24.7215


195.8277,
196.1486, 194.5750

 18.8155, 17.7624,
15.6526

238.3858,
239.5282, 239.0581

 11.6402, 10.7795,
9.1270

286.7022,
288.8739, 289.8514

 6.5696, 5.9188,
4.7261

341.1421,

 3.2384, 2.7958,

344.5700, 347.3734

2.0316

402.0710,
407.0010, 412.0428

■ 1.2810, 1.0261,
0.5746

■ 0.1690, 0.0000,
0.0000

■ 75.8701, 74.6028,
71.3738

■ 75.8701, 74.6028,
71.3738

■ 68.0084, 63.4801,
54.5682

■ 84.8868, 87.2553,
90.9665

■ 61.2485, 53.8194,
40.4184

■ 93.2347, 99.0642,
108.8150

■ 55.5424, 45.5624,
28.7892

■ 50.8359, 38.6433,
19.5318

■ 47.0698, 32.9908,
12.4816

■ 44.1786, 28.5269,
7.4529

■ 42.0877, 25.1647,
4.2292

■ 40.7087, 22.8045,
2.5433

■ 40.3171, 22.1090,
2.1425

Harmonies

Analogous

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



77.0748, 74.6028, 79.2857



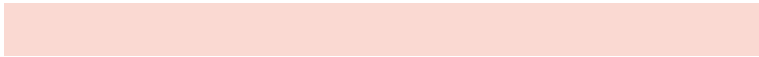
75.8701, 74.6028, 71.3738



73.3406, 74.6028, 66.3862

Triad

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



75.8701, 74.6028, 71.3738



65.5153, 74.6028, 74.5332



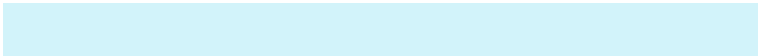
71.5942, 74.6028, 99.6418

Complementary

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



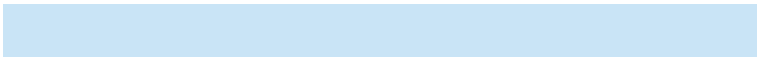
75.8701, 74.6028, 71.3738



75.8839, 84.7034, 102.7932

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.



68.5292, 74.6028, 98.1358



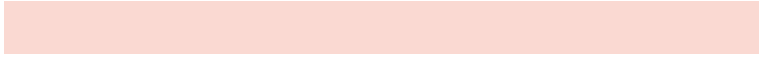
75.8701, 74.6028, 71.3738



65.0787, 74.6028, 83.2053

Square

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



75.8701, 74.6028, 71.3738



67.3772, 74.6028, 68.1141



66.1666, 74.6028, 91.9537



74.5595, 74.6028, 95.9295

Rectangle

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



75.8701, 74.6028, 71.3738



71.2757, 74.6028, 65.1697



66.1666, 74.6028, 91.9537



70.5410, 74.6028, 99.7328

Sweetspot

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



75.8721, 74.6061, 71.3754



89.8007, 92.6780, 97.3570



78.6999, 72.9095, 94.9841



19.0686, 19.6238, 20.5044



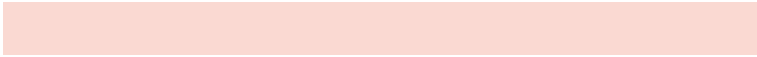
0.0000, 0.0000, 0.0000



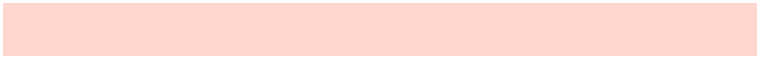
20.3446, 21.4041, 23.3091

Same Dimension

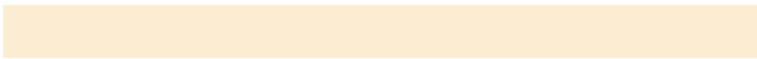
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.8721, 74.6061, 71.3754



76.7566, 74.3612, 69.0511



81.2459, 85.3537, 73.1666



17.4903, 17.7164, 17.9602



21.4570, 11.8706, 1.1603



2.0532, 1.2314, 0.1295

Inverse Universe

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



75.8839, 84.7034, 102.7932



76.7695, 86.6466, 107.2860



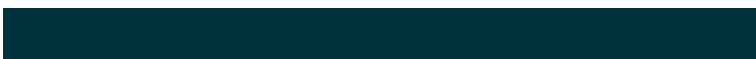
70.3115, 73.5585, 100.9357



17.4921, 19.0610, 22.1425



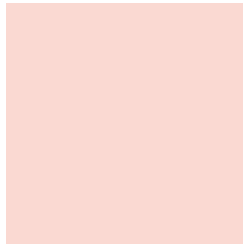
20.9838, 27.3231, 52.1415



2.0091, 2.6618, 4.8511

Previews

White Background



This preview shows how the XYZ color 75.8701, 74.6028, 71.3738 looks on a white background.

Color Contrast Check

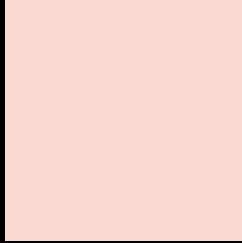
Large Text (above 18pt) WCAG AA × Fail

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 75.8701, 74.6028, 71.3738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

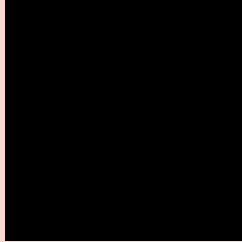
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8701, 74.6028, 71.3738

Background



This preview shows how black text looks on a background with the XYZ color 75.8701, 74.6028, 71.3738.



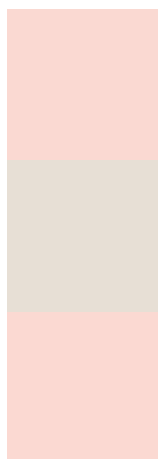
This preview shows how white text looks on a background with the XYZ color 75.8701, 74.6028,

71.3738.

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

75.8701, 74.6028, 71.3738

Protanopia

71.3529, 74.5684, 73.5832

Deuteranopia

76.2294, 74.7881, 71.3906



Tritanopia

78.9784, 74.7453, 85.8660

Trichromacy



Original Color

75.8701, 74.6028, 71.3738

Protanomaly

73.0000, 74.6435, 72.8475

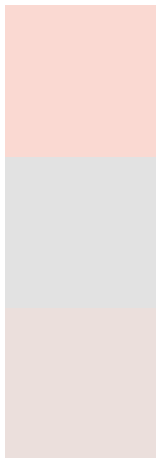
Deuteranomaly

76.2294, 74.7881, 71.3906

Tritanomaly

77.7646, 74.6240, 80.1173

Monochromacy



Original Color

75.8701, 74.6028, 71.3738

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.5669, 75.6048, 78.4259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8701, 74.6028, 71.3738 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(250, 217, 210) looks like.

```
.text, #text, p{  
    color:rgb(250, 217, 210)  
}
```

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(250, 217, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 217, 210) }
```

Border

The CSS property to change the border of an element to XYZ 75.8701, 74.6028, 71.3738 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(250, 217, 210) }
```


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

```
.border{ border-color:rgb(250, 217, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 217, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 217, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 217, 210);  
box-shadow:4px 4px 4px 4px rgb(250, 217,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8701, 74.6028, 71.3738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 217, 210) }
```

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

```
.background{ background-color: rgb(250,  
217, 210) }
```

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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