

Converting Colors

XYZ(75.8978, 72.7830, 68.3348)

Have a look what the booklet for
XYZ(75.8978, 72.7830, 68.3348)
contains.

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Color

**XYZ(75.9241, 72.8032,
68.4433)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4CE
RGB	255, 212, 206
RGB Percent	100%, 83%, 81%
CMY	0.0000, 0.1686, 0.1922
CMYK	0.00, 0.17, 0.19, 0.00
HSL	7°, 100%, 90%
HSV	7°, 19%, 100%
XYZ	75.9241, 72.8032, 68.4433
YIQ	224.1730, 27.5540, 7.2500

Conversions

Conversions Part 2

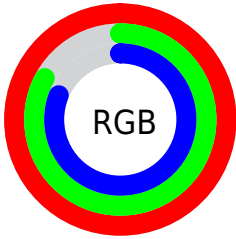
Format	Color
R _Y B	255, 213, 206
Decimal	16766158
CIE Lab	88.35, 14.13, 8.60
CIE LCh	88, 16.537, 31.318
Yxy	72.8032, 0.3496, 0.3352
Android (android.graphics.Color)	4294956238 (0xFFFFD4CE)
YUV	224.1730, -8.9593, 27.0353
Hunter-Lab	85.3248, 9.5153, 12.1679

Details

The XYZ color **75.9241, 72.8032, 68.4433** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.3783, 88.0905, 107.5326**, and the grayscale version is **71.0250, 74.7238, 81.3742**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0132, 38.3867, 34.9535** is the 20% darker color. If you saturate the color by 10%, you get **67.8631, 61.2431, 51.6927**, and if you desaturate by 10%, it is **85.2662, 86.1208, 88.1022**.

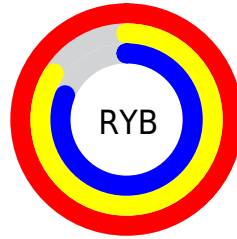
Distribution



Red (100%)

Green (83%)

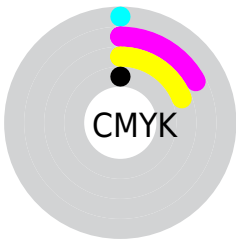
Blue (81%)



Red (100%)

Yellow (84%)

Blue (81%)

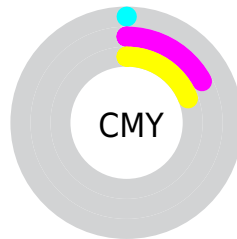


Cyan (0%)

Magenta (17%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9241, 72.8032, 68.4433 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 75.9241, 72.8032, 68.4433 by changing the saturation by 10% instead.


 75.9241, 72.8032,
68.4433

 75.9241, 72.8032,
68.4433


470.0362,
470.3325, 473.7057

 56.6671, 53.8151,
49.7895


126.6005,
123.1978, 118.6463

 40.9771, 38.4538,
34.8762


158.7507,
155.3730, 151.0326

 28.4888, 26.3351,
23.2847


195.9293,
192.7127, 188.8335

 18.8368, 17.0745,
14.5966

238.5017,
235.6013, 232.4675

 11.6557, 10.2876,
8.3933

286.8332,
284.4232, 282.3532

 6.5802, 5.5901,
4.2563

341.2892,

 3.2450, 2.5975,

339.5628, 338.9091

1.7670

402.2351,
401.4044, 402.5538

■ 1.2846, 0.9254,
0.4060

■ 0.1716, 0.0000,
0.0000

■ 75.9241, 72.8032,
68.4433

■ 75.9241, 72.8032,
68.4433

■ 67.8631, 61.2431,
51.6927

■ 85.2662, 86.1208,
88.1022

■ 61.0222, 51.3580,
37.7079

95.0500, 100.0000,
108.9000

■ 55.3431, 43.0728,
26.3411

■ 50.7606, 36.3031,
17.4289

■ 47.2029, 30.9568,
10.7897

■ 44.5897, 26.9312,
6.2164

■ 42.8280, 24.1102,
3.4640

■ 41.7950, 22.3524,
2.1691

■ 41.7365, 22.2531,
2.0955

Harmonies

Analogous

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



77.1110, 72.8032, 78.7686



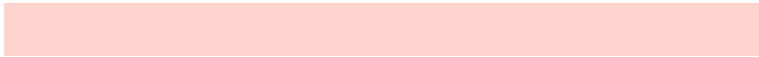
75.9241, 72.8032, 68.4433



72.9252, 72.8032, 61.5996

Triad

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



75.9241, 72.8032, 68.4433



62.7154, 72.8032, 69.2359



69.3729, 72.8032, 103.1911

Complementary

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



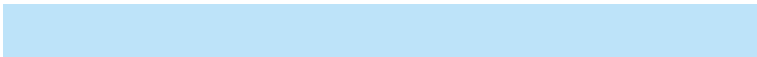
75.9241, 72.8032, 68.4433



77.3783, 88.0905, 107.5326

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.



65.5986, 72.8032, 100.0333



75.9241, 72.8032, 68.4433



61.8443, 72.8032, 79.7741

Square

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



75.9241, 72.8032, 68.4433



65.3056, 72.8032, 62.0255



62.8800, 72.8032, 91.1828



73.2405, 72.8032, 99.4474

Rectangle

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



75.9241, 72.8032, 68.4433



70.3557, 72.8032, 59.5672



62.8800, 72.8032, 91.1828



68.0516, 72.8032, 102.8997

Sweetspot

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



75.9258, 72.8063, 68.4448



88.5494, 90.7850, 95.0608



80.4548, 72.2606, 99.5618



18.8081, 19.2256, 20.0389



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

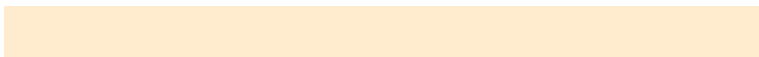
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9258, 72.8063, 68.4448



72.7268, 68.2276, 61.7698



82.4388, 85.8324, 70.6158



18.1887, 18.3455, 18.7267



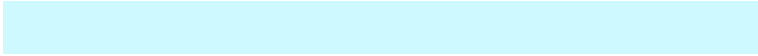
21.8639, 11.7391, 1.1135



2.1829, 1.2512, 0.1265

Inverse Universe

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



77.3783, 88.0905, 107.5326



74.4159, 86.0224, 107.2896



70.3710, 74.0759, 105.1969



18.3537, 20.0790, 23.1582



23.3996, 31.7088, 54.3217



2.3295, 3.1896, 5.3062

Previews

White Background



This preview shows how the XYZ color 75.9241, 72.8032, 68.4433 looks on a white background.

Color Contrast Check

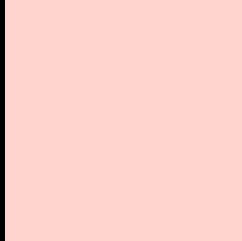
Large Text (above 18pt) WCAG AA × Fail

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 75.9241, 72.8032, 68.4433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

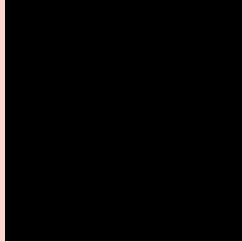
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.9241, 72.8032, 68.4433

Background



This preview shows how black text looks on a background with the XYZ color 75.9241, 72.8032, 68.4433.

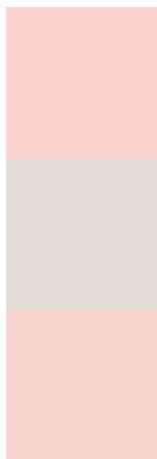


This preview shows how white text looks on a background with the XYZ color 75.9241, 72.8032,

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

75.9241, 72.8032, 68.4433

Protanopia

69.6092, 72.9100, 72.0323

Deuteranopia

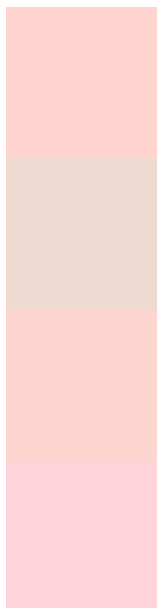
74.2541, 72.6891, 68.5093



Tritanopia

77.8772, 72.7894, 81.1794

Trichromacy



Original Color

75.9241, 72.8032, 68.4433

Protanomaly

71.8399, 72.9234, 70.6109

Deuteranomaly

74.7185, 72.5540, 68.4587

Tritanomaly

77.1892, 72.9105, 76.3345

Monochromacy



Original Color

75.9241, 72.8032, 68.4433

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.3785, 73.8583, 76.0870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9241, 72.8032, 68.4433 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, 212, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 206)  
}
```

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, 212, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 206) }
```

Border

The CSS property to change the border of an element to XYZ 75.9241, 72.8032, 68.4433 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, 212, 206) }
```


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

```
.border{ border-color:rgb(255, 212, 206) }
```

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

Here you see how a box with a 4 pixel rgb(255, 212, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9241, 72.8032, 68.4433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 206) }
```

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

```
.background{ background-color: rgb(255,  
212, 206) }
```

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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