

Converting Colors

XYZ(76.4252, 72.4837, 71.1401)

Have a look what the booklet for
XYZ(76.4252, 72.4837, 71.1401)
contains.

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Color

**XYZ(76.1671, 72.5017,
70.9525)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD3D2
RGB	255, 211, 210
RGB Percent	100%, 83%, 82%
CMY	0.0000, 0.1725, 0.1765
CMYK	0.00, 0.17, 0.18, 0.00
HSL	1°, 100%, 91%
HSV	1°, 18%, 100%
XYZ	76.1671, 72.5017, 70.9525
YIQ	224.0420, 26.5450, 9.0170

Conversions

Conversions Part 2

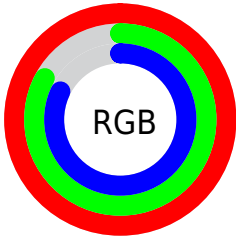
Format	Color
R _Y B	255, 211, 210
Decimal	16765906
CIE Lab	88.21, 15.24, 6.28
CIE LCh	88, 16.486, 22.385
Yxy	72.5017, 0.3468, 0.3301
Android (android.graphics.Color)	4294955986 (0xFFFFD3D2)
YUV	224.0420, -6.9227, 27.1502
Hunter-Lab	85.1479, 10.6641, 10.1981

Details

The XYZ color **76.1671, 72.5017, 70.9525** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.0690, 91.8024, 108.1073**, and the grayscale version is **70.9177, 74.6110, 81.2514**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1779, 38.1830, 36.6522** is the 20% darker color. If you saturate the color by 10%, you get **67.5193, 59.8915, 53.6250**, and if you desaturate by 10%, it is **86.2852, 87.2417, 91.2692**.

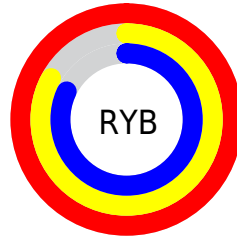
Distribution



Red (100%)

Green (83%)

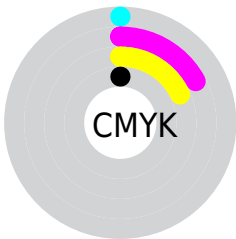
Blue (82%)



Red (100%)

Yellow (83%)

Blue (82%)

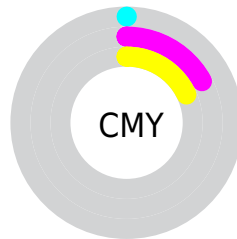


Cyan (0%)

Magenta (17%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.1671, 72.5017, 70.9525 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 76.1671, 72.5017, 70.9525 by changing the saturation by 10% instead.


 76.1671, 72.5017,
70.9525

 76.1671, 72.5017,
70.9525


470.8551,
469.2860, 482.7666

 56.8671, 53.5686,
51.8218

126.9422,
122.7695, 122.2599

 41.1383, 38.2569,
36.4818


159.1479,
154.8731, 155.2737

 28.6153, 26.1821,
24.5139


196.3863,
192.1356, 193.7524

 18.9328, 16.9599,
15.4996

239.0227,
234.9414, 238.1144

 11.7254, 10.2059,
9.0202

287.4224,
283.6750, 288.7782

 6.6279, 5.5357,
4.6574

341.9508,

 3.2747, 2.5649,

338.7206, 346.1625

1.9925

402.9733,
400.4628, 410.6858

■ 1.3007, 0.9090,
0.5506

■ 0.1837, 0.0000,
0.0000

■ 76.1671, 72.5017,
70.9525

■ 76.1671, 72.5017,
70.9525

■ 67.5193, 59.8915,
53.6250

■ 86.2852, 87.2417,
91.2692

■ 60.2684, 49.3037,
39.1416

95.0500, 100.0000,
108.9000

■ 54.3428, 40.6362,
27.3518

■ 49.6623, 33.7737,
18.0892

■ 46.1382, 28.5890,
11.1695

■ 43.6700, 24.9382,
6.3830

■ 42.1399, 22.6533,
3.4828

■ 41.3991, 21.5256,
2.1452

■ 41.3018, 21.3836,
1.9506

Harmonies

Analogous

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



76.7081, 72.5017, 81.8567



76.1671, 72.5017, 70.9525



73.6462, 72.5017, 62.9500

Triad

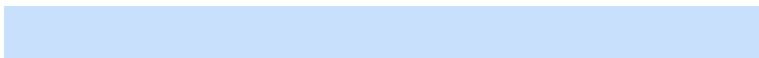
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.1671, 72.5017, 70.9525



63.0735, 72.5017, 66.4082



67.9101, 72.5017, 102.4982

Complementary

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



76.1671, 72.5017, 70.9525



80.0690, 91.8024, 108.1073

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.



64.3827, 72.5017, 97.4361



76.1671, 72.5017, 70.9525



61.6605, 72.5017, 76.0974

Square

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



76.1671, 72.5017, 70.9525



66.0614, 72.5017, 60.5062



62.1304, 72.5017, 87.5099



71.8408, 72.5017, 100.7871

Rectangle

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



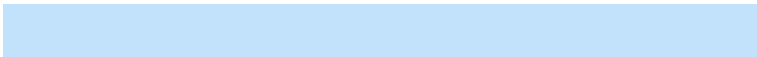
76.1671, 72.5017, 70.9525



71.2324, 72.5017, 59.9896



62.1304, 72.5017, 87.5099



66.6400, 72.5017, 101.5169

Sweetspot

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



76.1689, 72.5049, 70.9540



89.2161, 91.5089, 97.1622



82.2164, 74.5257, 104.0276



18.9271, 19.3409, 20.4572



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

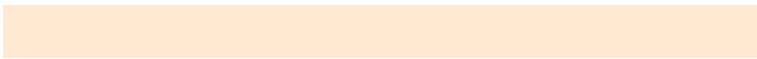
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.1689, 72.5049, 70.9540



73.1080, 68.0430, 64.8167



82.0830, 84.3331, 72.9254



18.0419, 18.0520, 18.6778



21.5951, 11.2015, 1.0239



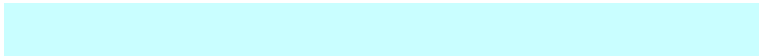
2.1136, 1.1125, 0.1033

Inverse Universe

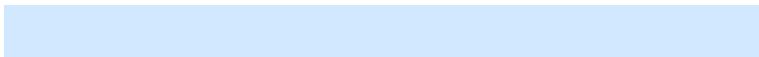
The Inverse Universe completely reimagines the original color for something new.



80.0690, 91.8024, 108.1073



77.6383, 90.4594, 107.9762



73.4152, 78.4948, 105.8894



18.5180, 20.4077, 23.2130



27.1974, 39.3045, 55.5877



2.6587, 3.8482, 5.4159

Previews

White Background



This preview shows how the XYZ color 76.1671, 72.5017, 70.9525 looks on a white background.

Color Contrast Check

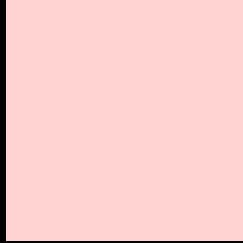
Large Text (above 18pt) WCAG AA × Fail

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 76.1671, 72.5017, 70.9525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

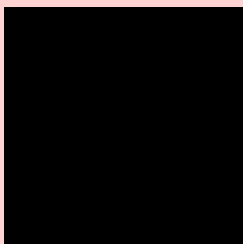
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.1671, 72.5017, 70.9525

Background



This preview shows how black text looks on a background with the XYZ color 76.1671, 72.5017, 70.9525.



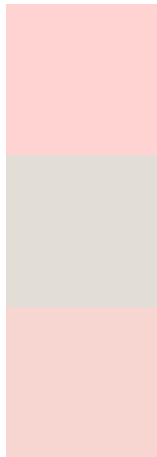
This preview shows how white text looks on a background with the XYZ color 76.1671, 72.5017,

70.9525.

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

76.1671, 72.5017, 70.9525

Protanopia

69.8007, 72.9501, 74.6919

Deuteranopia

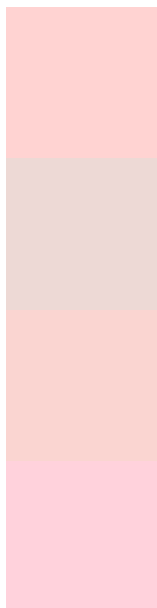
73.9130, 72.4707, 70.4142



Tritanopia

77.6311, 72.2972, 81.0973

Trichromacy



Original Color

76.1671, 72.5017, 70.9525

Protanomaly

71.7481, 72.4343, 73.1505

Deuteranomaly

74.7272, 72.5159, 70.3800

Tritanomaly

77.2049, 72.5205, 77.6389

Monochromacy



Original Color

76.1671, 72.5017, 70.9525

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.3787, 73.4397, 77.3783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1671, 72.5017, 70.9525 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, 211, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 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(255, 211, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 210) }
```

Border

The CSS property to change the border of an element to XYZ 76.1671, 72.5017, 70.9525 is called "border". The border property can be set on classes, ids or directly on the HTML element.

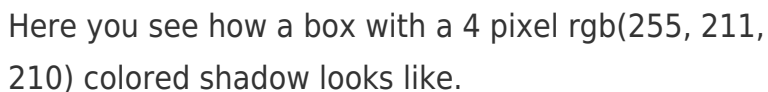
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 211, 210) }
```


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

```
.border{ border-color:rgb(255, 211, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 211, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 211, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 211, 210); box-shadow:4px 4px 4px 4px rgb(255, 211, 210) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1671, 72.5017, 70.9525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 210) }
```

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

```
.background{ background-color: rgb(255,  
211, 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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