

Converting Colors

XYZ(75.6882, 72.7178, 67.1735)

Have a look what the booklet for
XYZ(75.6882, 72.7178, 67.1735)
contains.

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Color

**XYZ(75.6826, 72.7066,
67.1716)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4CC
RGB	255, 212, 204
RGB Percent	100%, 83%, 80%
CMY	0.0000, 0.1686, 0.2000
CMYK	0.00, 0.17, 0.20, 0.00
HSL	9°, 100%, 90%
HSV	9°, 20%, 100%
XYZ	75.6826, 72.7066, 67.1716
YIQ	223.9450, 28.1960, 6.6280

Conversions

Conversions Part 2

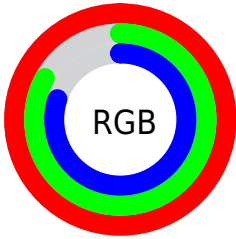
Format	Color
R _Y B	255, 213, 204
Decimal	16766156
CIE Lab	88.31, 13.83, 9.58
CIE LCh	88, 16.829, 34.713
Yxy	72.7066, 0.3511, 0.3373
Android (android.graphics.Color)	4294956236 (0xFFFFD4CC)
YUV	223.9450, -9.8329, 27.2352
Hunter-Lab	85.2682, 9.2143, 12.9809

Details

The XYZ color **75.6826, 72.7066, 67.1716** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.2116, 86.5763, 107.3019**, and the grayscale version is **70.8677, 74.5583, 81.1940**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8507, 38.3217, 34.0979** is the 20% darker color. If you saturate the color by 10%, you get **67.8502, 61.5422, 50.6867**, and if you desaturate by 10%, it is **84.7347, 85.5087, 86.5352**.

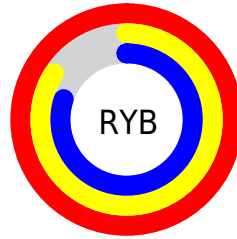
Distribution



Red (100%)

Green (83%)

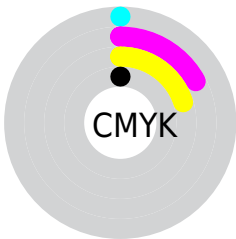
Blue (80%)



Red (100%)

Yellow (84%)

Blue (80%)

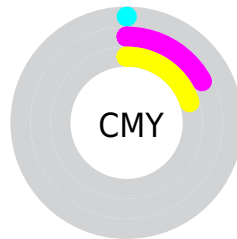


Cyan (0%)

Magenta (17%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6826, 72.7066, 67.1716 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 75.6826, 72.7066, 67.1716 by changing the saturation by 10% instead.


 75.6826, 72.7066,
67.1716

 75.6826, 72.7066,
67.1716


469.2216,
469.9973, 469.0735

 56.4684, 53.7361,
48.7616


126.2609,
123.0606, 116.8092

 40.8171, 38.3907,
34.0662


158.3557,
155.2129, 148.8740

 28.3632, 26.2861,
22.6667


195.4748,
192.5279, 186.3274

 18.7415, 17.0378,
14.1446

237.9835,
235.3900, 229.5880

 11.5865, 10.2614,
8.0814

286.2472,
284.1836, 279.0744

 6.5330, 5.5726,
4.0586

340.6312,

 3.2155, 2.5870,

339.2931, 335.2051

1.6575

401.5009,
401.1028, 398.3986

■ 1.2687, 0.9201,
0.3314

■ 0.1596, 0.0000,
0.0000

■ 75.6826, 72.7066,
67.1716

■ 75.6826, 72.7066,
67.1716

■ 67.8502, 61.5422,
50.6867

■ 84.7347, 85.5087,
86.5352

■ 61.1799, 51.9400,
36.9385

95.0500, 100.0000,
108.9000

■ 55.6173, 43.8329,
25.7797

■ 51.1012, 37.1451,
17.0472

■ 47.5647, 31.7941,
10.5592

■ 44.9324, 27.6887,
6.1084

■ 43.1177, 24.7260,
3.4484

■ 41.9997, 22.7793,
2.1833

■ 41.9996, 22.7792,
2.1832

Harmonies

Analogous

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



77.1314, 72.7066, 77.3530



75.6826, 72.7066, 67.1716



72.4734, 72.7066, 60.7227

Triad

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



75.6826, 72.7066, 67.1716



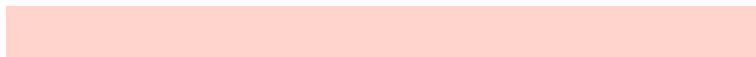
62.3237, 72.7066, 70.0464



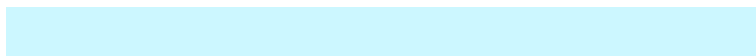
69.7450, 72.7066, 103.4441

Complementary

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



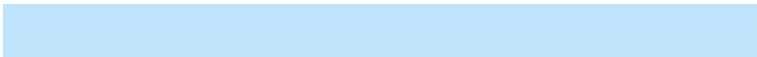
75.6826, 72.7066, 67.1716



76.2116, 86.5763, 107.3019

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.



65.8434, 72.7066, 101.0080



75.6826, 72.7066, 67.1716



61.6565, 72.7066, 81.0053

Square

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



75.6826, 72.7066, 67.1716



64.7799, 72.7066, 62.2657



62.9208, 72.7066, 92.5075



73.6194, 72.7066, 98.8750

Rectangle

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



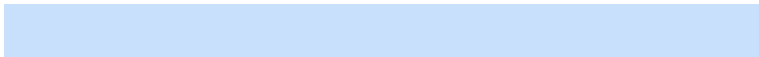
75.6826, 72.7066, 67.1716



69.8229, 72.7066, 59.0334



62.9208, 72.7066, 92.5075



68.3929, 72.7066, 103.4209

Sweetspot

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



75.6843, 72.7098, 67.1731



88.7060, 91.0981, 95.1130



79.6758, 71.1835, 97.8197



18.8449, 19.2994, 20.0512



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.



75.6843, 72.7098, 67.1731



72.4071, 68.0499, 60.2399



82.4671, 86.2753, 69.4340



18.2395, 18.4473, 18.7437



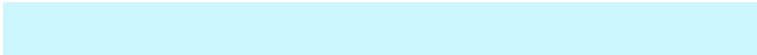
22.0135, 12.0383, 1.1634



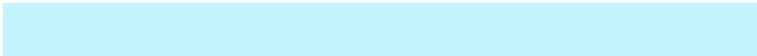
2.2067, 1.2988, 0.1344

Inverse Universe

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



76.2116, 86.5763, 107.3019



73.0186, 84.2065, 107.0127



69.0340, 72.2210, 104.9093



18.2978, 19.9671, 23.1396



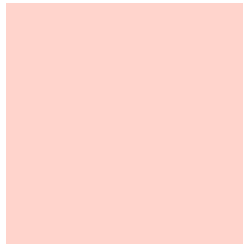
22.2169, 29.3434, 53.9275



2.2256, 2.9819, 5.2715

Previews

White Background



This preview shows how the XYZ color 75.6826, 72.7066, 67.1716 looks on a white background.

Color Contrast Check

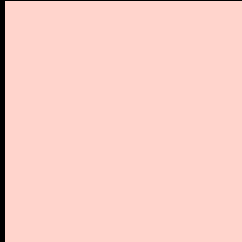
Large Text (above 18pt) WCAG AA × Fail

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 75.6826, 72.7066, 67.1716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

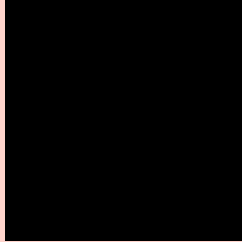
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6826, 72.7066, 67.1716

Background



This preview shows how black text looks on a background with the XYZ color 75.6826, 72.7066, 67.1716.

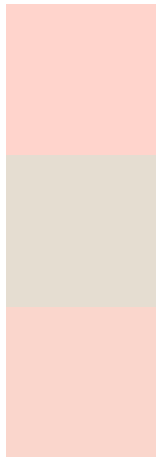


This preview shows how white text looks on a background with the XYZ color 75.6826, 72.7066,

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

75.6826, 72.7066, 67.1716

Protanopia

69.6782, 72.9744, 70.7346

Deuteranopia

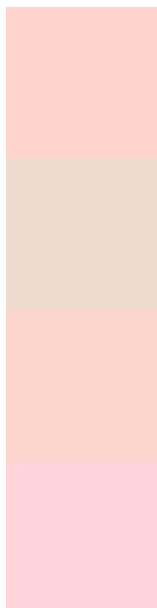
74.3700, 72.7768, 67.2543



Tritanopia

77.8772, 72.7894, 81.1794

Trichromacy



Original Color

75.6826, 72.7066, 67.1716

Protanomaly

71.5938, 72.8249, 69.3147

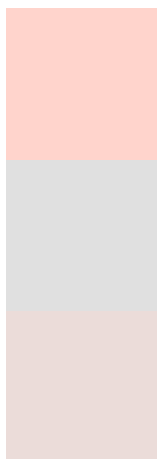
Deuteranomaly

74.8382, 72.6436, 67.2040

Tritanomaly

77.0587, 72.8583, 75.6473

Monochromacy



Original Color

75.6826, 72.7066, 67.1716

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 75.6826, 72.7066, 67.1716 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 204) }
```

Border

The CSS property to change the border of an element to XYZ 75.6826, 72.7066, 67.1716 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, 204) }
```


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

```
.border{ border-color:rgb(255, 212, 204) }
```

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, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6826, 72.7066, 67.1716 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, 204) }
```

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

```
.background{ background-color: rgb(255,  
212, 204) }
```

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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