

Converting Colors

XYZ(76.0885, 72.0413, 71.8610)

Have a look what the booklet for
XYZ(76.0885, 72.0413, 71.8610)
contains.

XYZ(76.1703, 72.1067, 72.1907)	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(76.1703, 72.1067,
72.1907)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2D4
RGB	255, 210, 212
RGB Percent	100%, 82%, 83%
CMY	0.0000, 0.1764, 0.1686
CMYK	0.00, 0.18, 0.17, 0.00
HSL	357°, 100%, 91%
HSV	357°, 18%, 100%
XYZ	76.1703, 72.1067, 72.1907
YIQ	223.6830, 26.1780, 10.1620

Conversions

Conversions Part 2

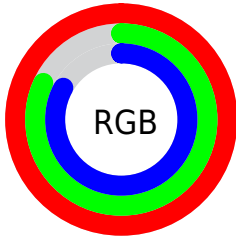
Format	Color
R _Y B	255, 210, 212
Decimal	16765652
CIE Lab	88.02, 16.07, 4.95
CIE LCh	88, 16.812, 17.118
Yxy	72.1067, 0.3455, 0.3271
Android (android.graphics.Color)	4294955732 (0xFFFFD2D4)
YUV	223.6830, -5.7597, 27.4650
Hunter-Lab	84.9157, 11.5141, 9.0358

Details

The XYZ color **76.1703, 72.1067, 72.1907** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.0705, 92.3147, 106.5308**, and the grayscale version is **70.6535, 74.3330, 80.9487**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0959, 37.8828, 37.0444** is the 20% darker color. If you saturate the color by 10%, you get **67.5233, 59.3667, 55.2694**, and if you desaturate by 10%, it is **86.2877, 87.0446, 91.8930**.

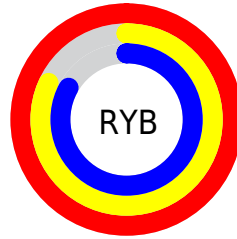
Distribution



Red (100%)

Green (82%)

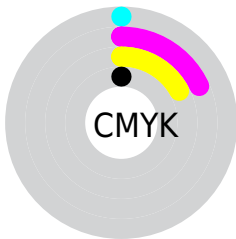
Blue (83%)



Red (100%)

Yellow (82%)

Blue (83%)

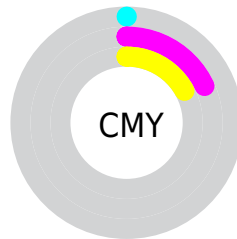


Cyan (0%)

Magenta (18%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.1703, 72.1067, 72.1907 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 76.1703, 72.1067, 72.1907 by changing the saturation by 10% instead.


 76.1703, 72.1067,
72.1907

 76.1703, 72.1067,
72.1907


470.8659,
467.9129, 487.2005

 56.8697, 53.2458,
52.8267


126.9467,
122.2082, 124.0379

 41.1404, 37.9991,
37.2777


159.1532,
154.2177, 157.3581

 28.6169, 25.9820,
25.1251

196.3924,
191.3788, 196.1675

 18.9341, 16.8101,
15.9504

239.0296,
234.0759, 240.8845

 11.7264, 10.0992,
9.3351

287.4302,
282.6935, 291.9278

 6.6285, 5.4648,
4.8606

341.9595,

 3.2751, 2.5225,

337.6159, 349.7159

2.1084

402.9830,
399.2276, 414.6672

■ 1.3009, 0.8879,
0.6208

■ 0.1839, 0.0000,
0.0000

■ 76.1703, 72.1067,
72.1907

■ 76.1703, 72.1067,
72.1907

■ 67.5233, 59.3667,
55.2694

■ 86.2877, 87.0446,
91.8930

■ 60.2737, 48.7122,
40.9996

95.0500, 100.0000,
108.9000

■ 54.3494, 40.0350,
29.2484

■ 49.6704, 33.2133,
19.8695

■ 46.1477, 28.1121,
12.7015

■ 43.6805, 24.5777,
7.5630

■ 42.1509, 22.4296,
4.2439

■ 41.4067, 21.4310,
2.4865

■ 41.3022, 21.2849,
2.2576

Harmonies

Analogous

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



76.3287, 72.1067, 83.5378



76.1703, 72.1067, 72.1907



73.9164, 72.1067, 63.4191

Triad

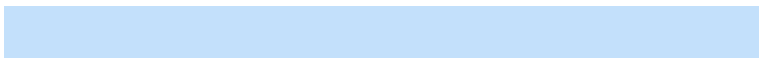
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.1703, 72.1067, 72.1907



63.0399, 72.1067, 64.4254



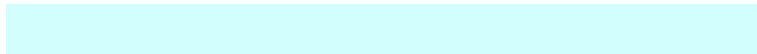
66.8309, 72.1067, 102.0621

Complementary

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



76.1703, 72.1067, 72.1907



80.0705, 92.3147, 106.5308

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.



63.4218, 72.1067, 95.8274



76.1703, 72.1067, 72.1907



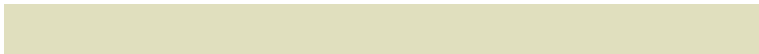
61.2912, 72.1067, 73.6918

Square

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



76.1703, 72.1067, 72.1907



66.2910, 72.1067, 59.2449



61.4283, 72.1067, 85.1918



70.8296, 72.1067, 101.5598

Rectangle

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



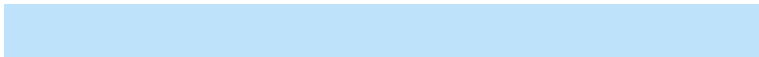
76.1703, 72.1067, 72.1907



71.5768, 72.1067, 59.8764



61.4283, 72.1067, 85.1918



65.5811, 72.1067, 100.6610

Sweetspot

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



76.1720, 72.1098, 72.1922



89.2164, 91.3731, 97.5825



81.5153, 74.1521, 104.6242



18.9272, 19.3081, 20.5588



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

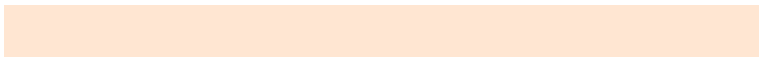
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.1720, 72.1098, 72.1922



73.1098, 67.5946, 66.2103



81.2410, 82.6482, 72.6477



18.0420, 18.0001, 18.8384



21.5953, 11.1274, 1.2531



2.1136, 1.0878, 0.1797

Inverse Universe

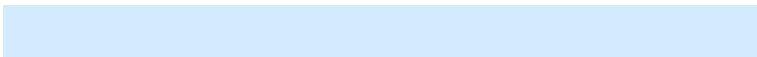
The Inverse Universe completely reimagines the original color for something new.



76.1720, 72.1098, 72.1922



73.1098, 67.5946, 66.2103



74.2677, 80.1978, 106.1731



18.0420, 18.0001, 18.8384



21.5953, 11.1274, 1.2531



2.1136, 1.0878, 0.1797

Previews

White Background



This preview shows how the XYZ color 76.1703, 72.1067, 72.1907 looks on a white background.

Color Contrast Check

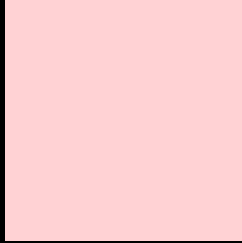
Large Text (above 18pt) WCAG AA × Fail

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 76.1703, 72.1067, 72.1907 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 76.1703, 72.1067, 72.1907

Background



This preview shows how black text looks on a background with the XYZ color 76.1703, 72.1067, 72.1907.



This preview shows how white text looks on a background with the XYZ color 76.1703, 72.1067,

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

76.1703, 72.1067, 72.1907

Protanopia

69.6121, 72.4171, 76.6386

Deuteranopia

73.8105, 72.3891, 71.7103



Tritanopia

77.4950, 72.2427, 80.3808

Trichromacy



Original Color

76.1703, 72.1067, 72.1907

Protanomaly

71.8756, 72.0741, 75.0892

Deuteranomaly

74.6190, 72.4314, 71.6758

Tritanomaly

76.9587, 72.0282, 77.5568

Monochromacy



Original Color

76.1703, 72.1067, 72.1907

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.5107, 73.4925, 78.0739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1703, 72.1067, 72.1907 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, 210, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 212)  
}
```

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, 210, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 212) }
```

Border

The CSS property to change the border of an element to XYZ 76.1703, 72.1067, 72.1907 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, 210, 212) }
```


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

```
.border{ border-color:rgb(255, 210, 212) }
```

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

Here you see how a box with a 4 pixel rgb(255, 210, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1703, 72.1067, 72.1907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 212) }
```

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

```
.background{ background-color: rgb(255,  
210, 212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor