

Converting Colors

XYZ(86.8375, 75.1233, 64.0963)

Have a look what the booklet for
XYZ(86.8375, 75.1233, 64.0963)
contains.

XYZ(72.9047, 68.0954, 63.3341)	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(72.9047, 68.0954,
63.3341)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCBC7
RGB	255, 203, 199
RGB Percent	100%, 80%, 78%
CMY	0.0000, 0.2039, 0.2196
CMYK	0.00, 0.20, 0.22, 0.00
HSL	4°, 100%, 89%
HSV	4°, 22%, 100%
XYZ	72.9047, 68.0954, 63.3341
YIQ	218.0920, 32.2760, 9.7800

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 203, 199
Decimal	16763847
CIE Lab	86.05, 17.81, 9.00
CIE LCh	86, 19.953, 26.825
Yxy	68.0954, 0.3568, 0.3333
Android (android.graphics.Color)	4294953927 (0xFFFFCBC7)
YUV	218.0920, -9.4124, 32.3683
Hunter-Lab	82.5199, 13.2913, 12.2588

Details

The XYZ color **72.9047, 68.0954, 63.3341** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.0993, 88.3537, 107.6509**, and the grayscale version is **66.7528, 70.2291, 76.4795**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8842, 35.4095, 31.5734** is the 20% darker color. If you saturate the color by 10%, you get **65.0178, 56.6692, 47.3015**, and if you desaturate by 10%, it is **82.1451, 81.4338, 82.2669**.

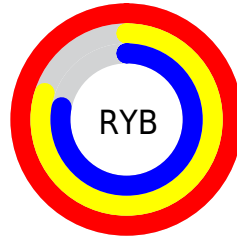
Distribution



Red (100%)

Green (80%)

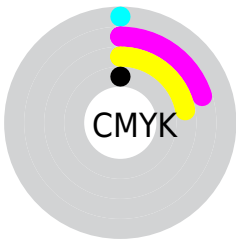
Blue (78%)



Red (100%)

Yellow (80%)

Blue (78%)

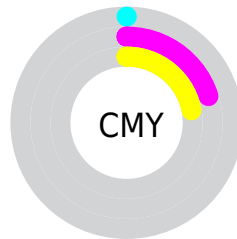


Cyan (0%)

Magenta (20%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.9047, 68.0954, 63.3341 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 72.9047, 68.0954, 63.3341 by changing the saturation by 10% instead.


 72.9047, 68.0954,
63.3341

 72.9047, 68.0954,
63.3341


459.7934,
453.8339, 454.9223

 54.1861, 49.9754,
45.6688


122.3458,
116.4886, 111.2416

 38.9818, 35.3938,
31.6378


153.7990,
147.5306, 142.3209

 26.9262, 23.9664,
20.8225


190.2278,
183.6486, 178.7086

 17.6541, 15.3087,
12.8043

231.9976,
225.2271, 220.8233

 10.8001, 9.0363,
7.1648

279.4737,
272.6505, 269.0834

 5.9989, 4.7649,
3.4854

333.0214,

 2.8851, 2.1100,

326.3032, 323.9076

1.3475

393.0062,
386.5695, 385.7144

■ 1.0933, 0.6702,
0.1002

■ 0.0195, 0.0000,
0.0000

■ 72.9047, 68.0954,
63.3341

■ 72.9047, 68.0954,
63.3341

■ 65.0178, 56.6692,
47.3015

■ 82.1451, 81.4338,
82.2669

■ 58.4158, 47.0590,
34.0221

■ 92.7928, 96.7568,
104.2290

■ 53.0322, 39.1740,
23.3419

95.0500, 100.0000,
108.9000

■ 48.7921, 32.9118,
15.0906

■ 45.6125, 28.1594,
9.0772

■ 43.3992, 24.7892,
5.0823

■ 42.0408, 22.6524,
2.8420

■ 41.4602, 21.7003,
2.0034

Harmonies

Analogous

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



73.9208, 68.0954, 75.5500



72.9047, 68.0954, 63.3341



69.6626, 68.0954, 54.9724

Triad

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



72.9047, 68.0954, 63.3341



57.6271, 68.0954, 61.1807



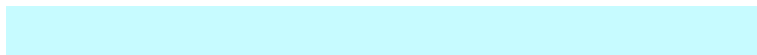
64.2361, 68.0954, 102.2886

Complementary

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



72.9047, 68.0954, 63.3341



76.0993, 88.3537, 107.6509

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.



60.0219, 68.0954, 97.3241



72.9047, 68.0954, 63.3341



56.3210, 68.0954, 72.7562

Square

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



72.9047, 68.0954, 63.3341



60.8289, 68.0954, 53.8360



57.1769, 68.0954, 86.1195



68.7791, 68.0954, 99.0084

Rectangle

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



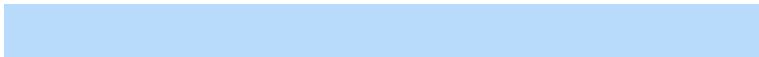
72.9047, 68.0954, 63.3341



66.7509, 68.0954, 52.1964



57.1769, 68.0954, 86.1195



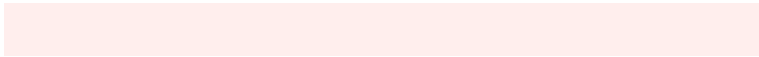
62.7359, 68.0954, 101.5158

Sweetspot

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



72.9064, 68.0984, 63.3355



87.2469, 88.7810, 92.7737



79.1185, 69.0894, 100.6530



18.5375, 18.8057, 19.5751



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.



72.9064, 68.0984, 63.3355



69.5605, 63.2565, 56.5171



80.0505, 82.3866, 65.7169



18.1137, 18.1955, 18.7017



21.7015, 11.4143, 1.0594



2.1476, 1.1806, 0.1147

Inverse Universe

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



76.0993, 88.3537, 107.6509



73.2279, 86.5325, 107.4507



68.0628, 72.2808, 104.9720



18.4371, 20.2459, 23.1861



25.2670, 35.4436, 54.9442



2.4921, 3.5149, 5.3604

Previews

White Background



This preview shows how the XYZ color 72.9047, 68.0954, 63.3341 looks on a white background.

Color Contrast Check

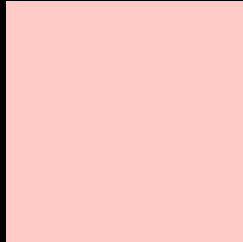
Large Text (above 18pt) WCAG AA × Fail

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 72.9047, 68.0954, 63.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

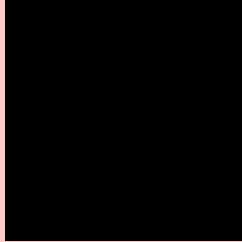
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.9047, 68.0954, 63.3341

Background



This preview shows how black text looks on a background with the XYZ color 72.9047, 68.0954, 63.3341.

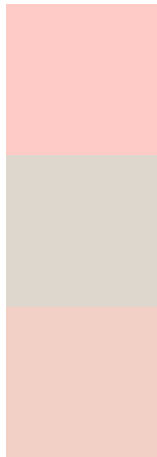


This preview shows how white text looks on a background with the XYZ color 72.9047, 68.0954,

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

72.9047, 68.0954, 63.3341

Protanopia

65.4441, 68.5383, 67.5375

Deuteranopia

69.7111, 68.2437, 62.9243



Tritanopia

74.5213, 67.9912, 74.1617

Trichromacy



Original Color

72.9047, 68.0954, 63.3341

Protanomaly

68.0054, 68.3928, 66.1168

Deuteranomaly

70.6221, 67.9940, 62.8280

Tritanomaly

73.9934, 68.1542, 70.2280

Monochromacy



Original Color

72.9047, 68.0954, 63.3341

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.5071, 69.2806, 71.3898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9047, 68.0954, 63.3341 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, 203, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 199)  
}
```

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, 203, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 199) }
```

Border

The CSS property to change the border of an element to XYZ 72.9047, 68.0954, 63.3341 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, 203, 199) }
```


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

```
.border{ border-color:rgb(255, 203, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9047, 68.0954, 63.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 199) }
```

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

```
.background{ background-color: rgb(255,  
203, 199) }
```

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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