

Converting Colors

XYZ(72.3754, 64.9540, 60.9245)

Have a look what the booklet for
XYZ(72.3754, 64.9540, 60.9245)
contains.

| | |
|--|----|
| XYZ(70.4956, 63.8291, 60.8293) | 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(70.4956, 63.8291,
60.8293)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFC2C4 |
| RGB | 255, 194, 196 |
| RGB Percent | 100%, 76%, 77% |
| CMY | 0.0000, 0.2392, 0.2314 |
| CMYK | 0.00, 0.24, 0.23, 0.00 |
| HSL | 358°, 100%, 88% |
| HSV | 358°, 24%, 100% |
| XYZ | 70.4956, 63.8291, 60.8293 |
| YIQ | 212.4670, 35.7140, 13.5540 |

Conversions

Conversions Part 2

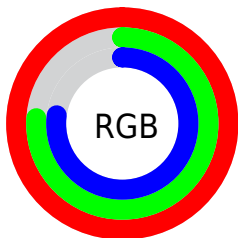
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 194, 196 |
| Decimal | 16761540 |
| CIE Lab | 83.88, 22.09, 7.48 |
| CIE LCh | 84, 23.326, 18.706 |
| Yxy | 63.8291, 0.3612, 0.3271 |
| Android (android.graphics.Color) | 4294951620 (0xFFFFC2C4) |
| YUV | 212.4670, -8.1182, 37.3014 |
| Hunter-Lab | 79.8931, 17.6908, 10.7828 |

Details

The XYZ color **70.4956, 63.8291, 60.8293** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.7401, 90.0823, 106.3283**, and the grayscale version is **62.9272, 66.2043, 72.0965**.

A 20% lighter version of the original color is **93.4668, 97.3462, 106.7920**, and **37.2865, 32.5795, 29.9144** is the 20% darker color. If you saturate the color by 10%, you get **62.7190, 52.4057, 45.5056**, and if you desaturate by 10%, it is **79.7107, 77.3903, 78.9111**.

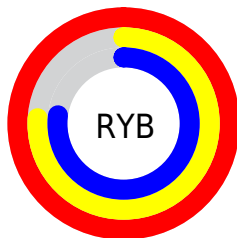
Distribution



Red (100%)

Green (76%)

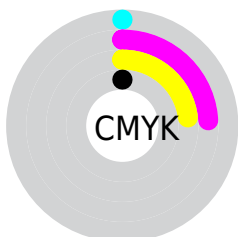
Blue (77%)



Red (100%)

Yellow (76%)

Blue (77%)

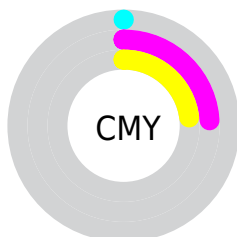


Cyan (0%)

Magenta (24%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4956, 63.8291, 60.8293 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 70.4956, 63.8291, 60.8293 by changing the saturation by 10% instead.


 70.4956, 63.8291,
60.8293

 70.4956, 63.8291,
60.8293


451.5276,
438.5722, 445.5371

 52.2117, 46.5123,
43.6578


 118.9377,
110.3648, 107.5869

 37.3988, 32.6503,
30.0663


149.8266,
140.3524, 138.0100

 25.6915, 21.8587,
19.6365


185.6479,
175.3324, 173.6873

 16.7245, 13.7531,
11.9496

226.7669,
215.6892, 215.0375

 10.1323, 7.9491,
6.5873

273.5490,
261.8072, 262.4790

 5.5497, 4.0624,
3.1308

326.3596,

 2.6113, 1.7085,

314.0708, 316.4304

1.1618

385.5640,
372.8643, 377.3103

0.9517, 0.4292,
0.0000

0.0000, 0.0000,
0.0000

70.4956, 63.8291,
60.8293

70.4956, 63.8291,
60.8293

62.7190, 52.4057,
45.5056

79.7107, 77.3903,
78.9111

56.3040, 43.0030,
32.8009

90.4267, 93.1816,
99.8730

51.1735, 35.5061,
22.5698

95.0500, 100.0000,
108.9000

47.2412, 29.7848,
14.6512

■ 44.4097, 25.6926,
8.8650

■ 42.5668, 23.0598,
5.0044

■ 41.5762, 21.6794,
2.8218

■ 41.2857, 21.2783,
2.1706

Harmonies

Analogous

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



70.8609, 63.8291, 75.1781



70.4956, 63.8291, 60.8293



67.4108, 63.8291, 50.3661

Triad

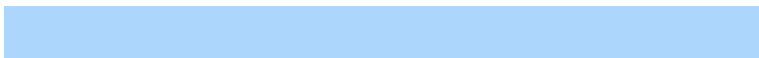
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.4956, 63.8291, 60.8293



53.5561, 63.8291, 52.4778



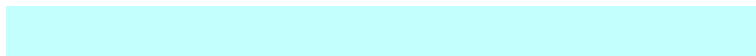
58.7568, 63.8291, 101.0359

Complementary

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



70.4956, 63.8291, 60.8293



75.7401, 90.0823, 106.3283

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.



54.3898, 63.8291, 92.9510



70.4956, 63.8291, 60.8293



51.5020, 63.8291, 64.1134

Square

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



70.4956, 63.8291, 60.8293



57.5597, 63.8291, 46.0341



51.7984, 63.8291, 78.9557



63.8855, 63.8291, 99.8281

Rectangle

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



70.4956, 63.8291, 60.8293



64.3198, 63.8291, 46.3664



51.7984, 63.8291, 78.9557



57.1565, 63.8291, 99.2737

Sweetspot

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



70.4972, 63.8320, 60.8306



86.9612, 88.0727, 93.1005



77.8391, 66.6828, 103.3762



18.4716, 18.6424, 19.6504



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.



70.4972, 63.8320, 60.8306



66.3702, 57.7665, 52.7081



77.2246, 77.6479, 61.9600



18.0335, 17.9967, 18.7933



21.5831, 11.1225, 1.1890



2.1096, 1.0862, 0.1584

Inverse Universe

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



70.4972, 63.8320, 60.8306



66.3702, 57.7665, 52.7081



67.6422, 73.3750, 105.2054



18.0335, 17.9967, 18.7933



21.5831, 11.1225, 1.1890



2.1096, 1.0862, 0.1584

Previews

White Background



This preview shows how the XYZ color 70.4956, 63.8291, 60.8293 looks on a white background.

Color Contrast Check

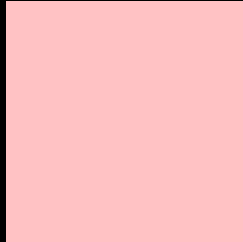
Large Text (above 18pt) WCAG AA × Fail

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 70.4956, 63.8291, 60.8293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

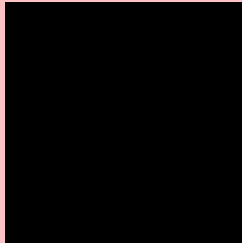
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.4956, 63.8291, 60.8293

Background



This preview shows how black text looks on a background with the XYZ color 70.4956, 63.8291, 60.8293.



This preview shows how white text looks on a background with the XYZ color 70.4956, 63.8291,

60.8293.

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

70.4956, 63.8291, 60.8293

Protanopia

61.4311, 64.2567, 66.2918

Deuteranopia

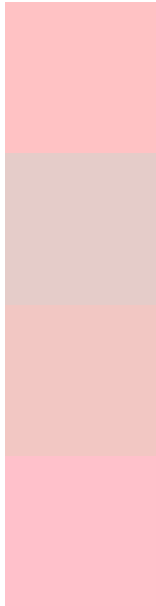
65.1191, 63.7983, 59.9211



Tritanopia

71.5724, 63.9049, 67.5941

Trichromacy



Original Color

70.4956, 63.8291, 60.8293

Protanomaly

64.4486, 64.0608, 64.2265

Deuteranomaly

66.8917, 63.6642, 60.3926

Tritanomaly

71.0895, 63.7117, 65.0507

Monochromacy



Original Color

70.4956, 63.8291, 60.8293

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.9668, 64.6129, 67.4399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4956, 63.8291, 60.8293 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, 194, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 196)  
}
```

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, 194, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 196) }
```

Border

The CSS property to change the border of an element to XYZ 70.4956, 63.8291, 60.8293 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, 194, 196) }
```


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

```
.border{ border-color:rgb(255, 194, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4956, 63.8291, 60.8293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 196) }
```

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

```
.background{ background-color: rgb(255,  
194, 196) }
```

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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