

Converting Colors

XYZ(72.4463, 67.9120, 60.9198)

Have a look what the booklet for
XYZ(72.4463, 67.9120, 60.9198)
contains.

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Color

**XYZ(72.4463, 67.9120,
60.9198)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCBC3
RGB	255, 203, 195
RGB Percent	100%, 80%, 76%
CMY	0.0000, 0.2039, 0.2353
CMYK	0.00, 0.20, 0.24, 0.00
HSL	8°, 100%, 88%
HSV	8°, 24%, 100%
XYZ	72.4463, 67.9120, 60.9198
YIQ	217.6360, 33.5600, 8.5360

Conversions

Conversions Part 2

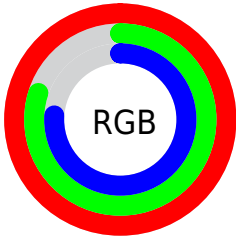
Format	Color
R _Y B	255, 204, 195
Decimal	16763843
CIE Lab	85.96, 17.24, 11.00
CIE LCh	86, 20.448, 32.529
Yxy	67.9120, 0.3599, 0.3374
Android (android.graphics.Color)	4294953923 (0xFFFFCBC3)
YUV	217.6360, -11.1595, 32.7682
Hunter-Lab	82.4087, 12.7057, 13.8566

Details

The XYZ color **72.4463, 67.9120, 60.9198** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.8154, 85.3410, 107.1897**, and the grayscale version is **66.4495, 69.9101, 76.1321**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **38.5811, 35.2883, 29.9772** is the 20% darker color. If you saturate the color by 10%, you get **64.9539, 57.1539, 45.3918**, and if you desaturate by 10%, it is **81.1782, 80.3607, 79.2916**.

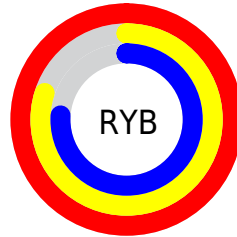
Distribution



Red (100%)

Green (80%)

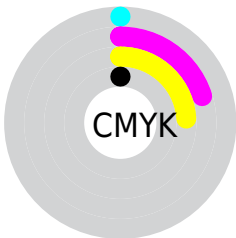
Blue (76%)



Red (100%)

Yellow (80%)

Blue (76%)

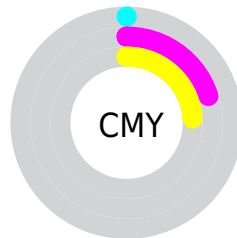


Cyan (0%)

Magenta (20%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.4463, 67.9120, 60.9198 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 72.4463, 67.9120, 60.9198 by changing the saturation by 10% instead.


 72.4463, 67.9120,
60.9198

 72.4463, 67.9120,
60.9198


458.2271,
453.1842, 445.8783

 53.8101, 49.8261,
43.7303


121.6982,
116.2262, 107.7192

 38.6799, 35.2753,
30.1229

153.0446,
147.2234, 138.1662

 26.6904, 23.8750,
19.6791


189.3585,
183.2932, 173.8694

 17.4762, 15.2409,
11.9802

231.0052,
224.8199, 215.2475

 10.6720, 8.9886,
6.6078

278.3500,
272.1879, 262.7188

 5.9124, 4.7338,
3.1434

331.7584,

 2.8320, 2.0919,

325.7817, 316.7021

1.1683

391.5956,
385.9857, 377.6157

■ 1.0656, 0.6601,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.4463, 67.9120,
60.9198

■ 72.4463, 67.9120,
60.9198

■ 64.9539, 57.1539,
45.3918

■ 81.1782, 80.3607,
79.2916

■ 58.6397, 48.0048,
32.5614

■ 91.1974, 94.5591,
100.6352

■ 53.4447, 40.3896,
22.2754

95.0500, 100.0000,
108.9000

■ 49.3027, 34.2241,
14.3637

■ 46.1403, 29.4154,
8.6353

■ 43.8744, 25.8600,
4.8697

■ 42.4074, 23.4392,
2.7992

■ 41.8126, 22.4052,
2.1209

Harmonies

Analogous

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



73.9739, 67.9120, 72.8121



72.4463, 67.9120, 60.9198



68.7943, 67.9120, 53.3329

Triad

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



72.4463, 67.9120, 60.9198



56.8802, 67.9120, 62.6690



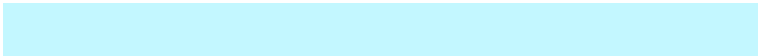
64.9466, 67.9120, 102.8334

Complementary

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



72.4463, 67.9120, 60.9198



73.8154, 85.3410, 107.1897

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.



60.4807, 67.9120, 99.2815



72.4463, 67.9120, 60.9198



55.9595, 67.9120, 75.0888

Square

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



72.4463, 67.9120, 60.9198



59.8239, 67.9120, 54.2536



57.2463, 67.9120, 88.7050



69.5151, 67.9120, 97.9025

Rectangle

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



72.4463, 67.9120, 60.9198



65.7269, 67.9120, 51.1982



57.2463, 67.9120, 88.7050



63.3839, 67.9120, 102.5919

Sweetspot

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



72.4479, 67.9150, 60.9212



87.5703, 89.4278, 92.8816



77.5440, 67.0063, 96.8424



18.6121, 18.9550, 19.6000



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.



72.4479, 67.9150, 60.9212



68.9476, 62.8995, 53.6348



80.2296, 83.4784, 63.5151



18.2047, 18.3776, 18.7321



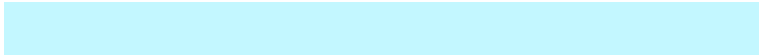
21.9075, 11.8263, 1.1281



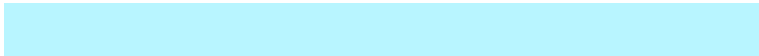
2.1904, 1.2663, 0.1290

Inverse Universe

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



73.8154, 85.3410, 107.1897



70.5175, 82.9532, 106.9026



65.3692, 68.4485, 104.3743



18.3360, 20.0436, 23.1523



23.0195, 30.9486, 54.1950



2.2962, 3.1230, 5.2951

Previews

White Background



This preview shows how the XYZ color 72.4463, 67.9120, 60.9198 looks on a white background.

Color Contrast Check

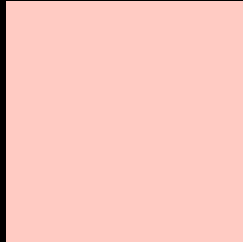
Large Text (above 18pt) WCAG AA × Fail

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 72.4463, 67.9120, 60.9198 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 72.4463, 67.9120, 60.9198

Background



This preview shows how black text looks on a background with the XYZ color 72.4463, 67.9120, 60.9198.

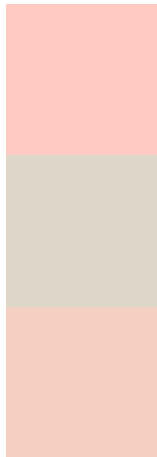


This preview shows how white text looks on a background with the XYZ color 72.4463, 67.9120,

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

72.4463, 67.9120, 60.9198

Protanopia

64.7134, 67.8398, 64.9420

Deuteranopia

69.6017, 68.2399, 60.5421



Tritanopia

74.3924, 67.9396, 73.4827

Trichromacy



Original Color

72.4463, 67.9120, 60.9198

Protanomaly

67.2871, 67.7091, 63.5556

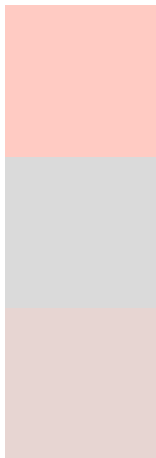
Deuteranomaly

70.5203, 67.9941, 60.4463

Tritanomaly

73.7457, 68.0551, 68.9236

Monochromacy



Original Color

72.4463, 67.9120, 60.9198

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.3821, 69.2306, 70.7315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4463, 67.9120, 60.9198 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 195) }
```

Border

The CSS property to change the border of an element to XYZ 72.4463, 67.9120, 60.9198 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, 195) }
```


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

```
.border{ border-color:rgb(255, 203, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4463, 67.9120, 60.9198 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, 195) }
```

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

```
.background{ background-color: rgb(255,  
203, 195) }
```

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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