

Converting Colors

XYZ(72.1172, 66.5224, 63.0656)

Have a look what the booklet for
XYZ(72.1172, 66.5224, 63.0656)
contains.

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Color

**XYZ(72.2031, 66.6921,
63.1002)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC8C7
RGB	255, 200, 199
RGB Percent	100%, 78%, 78%
CMY	0.0000, 0.2157, 0.2196
CMYK	0.00, 0.22, 0.22, 0.00
HSL	1°, 100%, 89%
HSV	1°, 22%, 100%
XYZ	72.2031, 66.6921, 63.1002
YIQ	216.3310, 33.1010, 11.3490

Conversions

Conversions Part 2

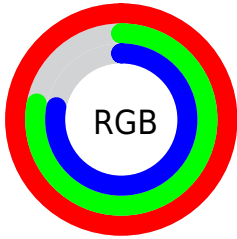
Format	Color
R _Y B	255, 200, 199
Decimal	16763079
CIE Lab	85.35, 19.38, 7.99
CIE LCh	85, 20.960, 22.417
Yxy	66.6921, 0.3574, 0.3302
Android (android.graphics.Color)	4294953159 (0xFFFFC8C7)
YUV	216.3310, -8.5442, 33.9127
Hunter-Lab	81.6652, 14.9040, 11.3541

Details

The XYZ color **72.2031, 66.6921, 63.1002** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.0439, 90.2429, 107.9657**, and the grayscale version is **65.5380, 68.9511, 75.0877**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4157, 34.4724, 31.4172** is the 20% darker color. If you saturate the color by 10%, you get **64.1544, 54.9425, 47.0137**, and if you desaturate by 10%, it is **81.7011, 80.5459, 82.1189**.

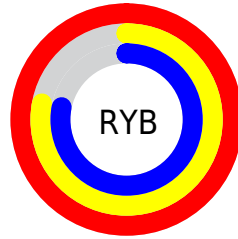
Distribution



Red (100%)

Green (78%)

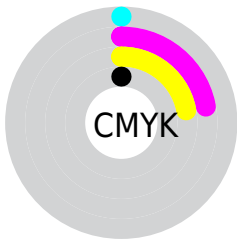
Blue (78%)



Red (100%)

Yellow (78%)

Blue (78%)

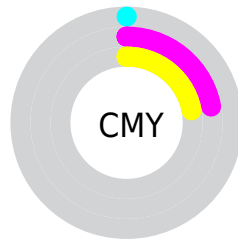


Cyan (0%)

Magenta (22%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.2031, 66.6921, 63.1002 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 72.2031, 66.6921, 63.1002 by changing the saturation by 10% instead.


 72.2031, 66.6921,
63.1002

 72.2031, 66.6921,
63.1002


457.3949,
448.8480, 454.0510

 53.6107, 48.8344,
45.4808


121.3545,
114.4791, 110.9010

 38.5199, 34.4882,
31.4906

152.6441,
145.1773, 141.9195

 26.5655, 23.2689,
20.7111


188.8969,
180.9244, 178.2414

 17.3821, 14.7922,
12.7238

230.4781,
222.1048, 220.2852

 10.6043, 8.6737,
7.1102

277.7532,
269.1030, 268.4696

 5.8667, 4.5289,
3.4516

331.0874,

 2.8041, 1.9736,

322.3033, 323.2129

1.3296

390.8462,
382.0902, 384.9339

■ 1.0510, 0.5921,
0.0859

■ 0.0000, 0.0000,
0.0000

■ 72.2031, 66.6921,
63.1002

■ 72.2031, 66.6921,
63.1002

■ 64.1544, 54.9425,
47.0137

■ 81.7011, 80.5459,
82.1189

■ 57.4792, 45.1858,
33.7098

■ 92.7095, 96.5901,
104.2011

■ 52.1023, 37.3142,
23.0320

95.0500, 100.0000,
108.9000

■ 47.9392, 31.2061,
14.8063

■ 44.8956, 26.7257,
8.8383

■ 42.8632, 23.7173,
4.9037

■ 41.7122, 21.9952,
2.7325

■ 41.2897, 21.3593,
1.9466

Harmonies

Analogous

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



72.8702, 66.6921, 76.1193



72.2031, 66.6921, 63.1002



69.1181, 66.6921, 53.8144

Triad

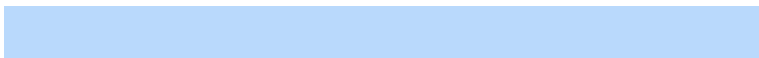
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.2031, 66.6921, 63.1002



56.4296, 66.6921, 57.8166



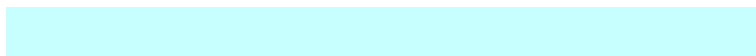
62.1925, 66.6921, 101.7206

Complementary

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



72.2031, 66.6921, 63.1002



77.0439, 90.2429, 107.9657

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.



57.9853, 66.6921, 95.3552



72.2031, 66.6921, 63.1002



54.7678, 66.6921, 69.2226

Square

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



72.2031, 66.6921, 63.1002



59.9726, 66.6921, 51.0398



55.3228, 66.6921, 83.0442



66.9324, 66.6921, 99.5500

Rectangle

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



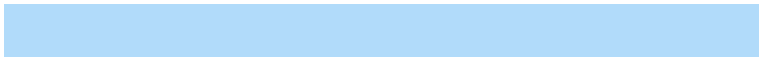
72.2031, 66.6921, 63.1002



66.1852, 66.6921, 50.4461



55.3228, 66.6921, 83.0442



60.6724, 66.6921, 100.4833

Sweetspot

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



72.2047, 66.6951, 63.1016



86.9685, 88.2243, 92.6810



79.5638, 69.2676, 102.9984



18.4733, 18.6774, 19.5537



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

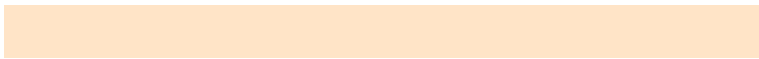
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.2047, 66.6951, 63.1016



68.7823, 61.7002, 56.2577



79.2742, 80.8341, 65.4581



18.0355, 18.0392, 18.6757



21.5860, 11.1833, 1.0209



2.1105, 1.1065, 0.1023

Inverse Universe

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



77.0439, 90.2429, 107.9657



74.3436, 88.7638, 107.8225



68.8183, 73.7917, 105.2239



18.5253, 20.4222, 23.2154



27.3759, 39.6615, 55.6472



2.6741, 3.8789, 5.4210

Previews

White Background



This preview shows how the XYZ color 72.2031, 66.6921, 63.1002 looks on a white background.

Color Contrast Check

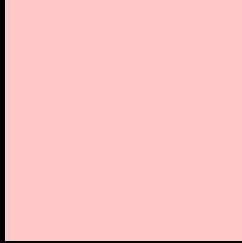
Large Text (above 18pt) WCAG AA × Fail

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 72.2031, 66.6921, 63.1002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

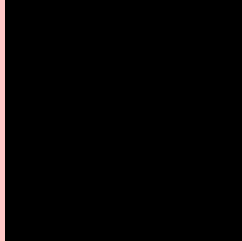
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.2031, 66.6921, 63.1002

Background



This preview shows how black text looks on a background with the XYZ color 72.2031, 66.6921, 63.1002.

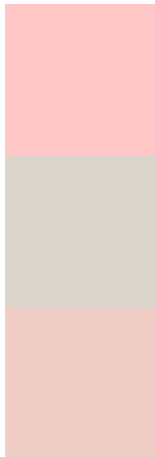


This preview shows how white text looks on a background with the XYZ color 72.2031, 66.6921,

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

72.2031, 66.6921, 63.1002

Protanopia

64.1482, 67.1048, 67.9641

Deuteranopia

68.1995, 66.7451, 62.7147



Tritanopia

73.6737, 66.9109, 71.9829

Trichromacy



Original Color

72.2031, 66.6921, 63.1002

Protanomaly

66.6141, 66.5794, 65.8401

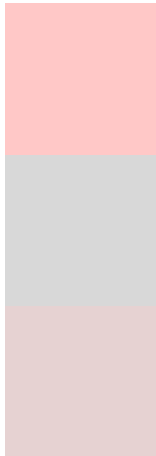
Deuteranomaly

69.4421, 66.6754, 62.6357

Tritanomaly

73.0486, 66.6609, 68.6913

Monochromacy



Original Color

72.2031, 66.6921, 63.1002

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.3126, 67.5693, 70.4672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2031, 66.6921, 63.1002 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, 200, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 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, 200, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 199) }
```

Border

The CSS property to change the border of an element to XYZ 72.2031, 66.6921, 63.1002 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, 200, 199) }
```


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

```
.border{ border-color:rgb(255, 200, 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, 200, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2031, 66.6921, 63.1002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 199) }
```

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

```
.background{ background-color: rgb(255,  
200, 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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