

Converting Colors

XYZ(99.8738, 80.2039, 70.1512)

Have a look what the booklet for
XYZ(99.8738, 80.2039, 70.1512)
contains.

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Color

**XYZ(72.8192, 66.2022,
68.6148)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC6D0
RGB	255, 198, 208
RGB Percent	100%, 78%, 82%
CMY	0.0000, 0.2235, 0.1843
CMYK	0.00, 0.22, 0.18, 0.00
HSL	349°, 100%, 89%
HSV	349°, 22%, 100%
XYZ	72.8192, 66.2022, 68.6148
YIQ	216.1830, 30.7620, 15.1940

Conversions

Conversions Part 2

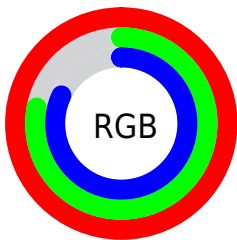
Format	Color
R_{YB}	255, 198, 208
Decimal	16762576
CIE _{Lab}	85.10, 21.74, 2.84
CIE _{LCh}	85, 21.927, 7.446
Yxy	66.2022, 0.3507, 0.3188
Android (android.graphics.Color)	4294952656 (0xFFFFC6D0)
YUV	216.1830, -4.0342, 34.0425
Hunter-Lab	81.3647, 17.3643, 6.9561

Details

The XYZ color **72.8192, 66.2022, 68.6148** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.5325, 90.1195, 99.8039**, and the grayscale version is **65.4083, 68.8146, 74.9391**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0947, 34.2854, 35.1291** is the 20% darker color. If you saturate the color by 10%, you get **65.0558, 54.5448, 54.0981**, and if you desaturate by 10%, it is **81.9101, 79.9650, 85.2679**.

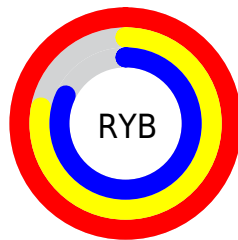
Distribution



Red (100%)

Green (78%)

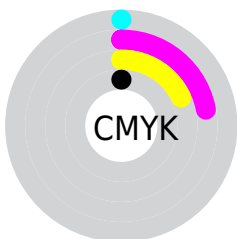
Blue (82%)



Red (100%)

Yellow (78%)

Blue (82%)

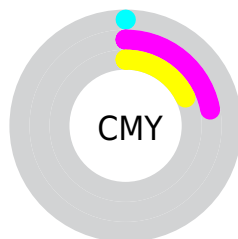


Cyan (0%)

Magenta (22%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.8192, 66.2022, 68.6148 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 72.8192, 66.2022, 68.6148 by changing the saturation by 10% instead.


 72.8192, 66.2022,
68.6148

 72.8192, 66.2022,
68.6148


459.5014,
447.0997, 474.3283

 54.1160, 48.4366,
49.9283


122.2250,
113.7765, 118.8937

 38.9254, 34.1727,
34.9856


153.6583,
144.3539, 151.3232

 26.8822, 23.0263,
23.3683


190.0657,
179.9708, 189.1708

 17.6209, 14.6130,
14.6579

231.8126,
221.0114, 232.8549

 10.7762, 8.5482,
8.4357

279.2642,
267.8602, 282.7942

 5.9827, 4.4477,
4.2832

332.7860,

 2.8751, 1.9270,

320.9016, 339.4072

1.7820

392.7433,
380.5200, 403.1123

■ 1.0881, 0.5645,
0.4160

■ 0.0151, 0.0000,
0.0000

■ 72.8192, 66.2022,
68.6148

■ 72.8192, 66.2022,
68.6148

■ 65.0558, 54.5448,
54.0981

■ 81.9101, 79.9650,
85.2679

■ 58.5526, 44.8805,
41.6269

■ 92.3819, 95.9209,
104.1351

■ 53.2435, 37.0999,
31.1094

95.0500, 100.0000,
108.9000

■ 49.0545, 31.0793,
22.4456

■ 45.9032, 26.6804,
15.5260

■ 43.6953, 23.7439,
10.2295

■ 42.3186, 22.0779,
6.4185

■ 41.7083, 21.4473,
4.3959

Harmonies

Analogous

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



72.1091, 66.2022, 83.0281



72.8192, 66.2022, 68.6148



70.7695, 66.2022, 56.7761

Triad

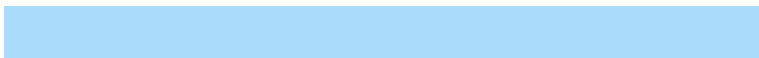
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.8192, 66.2022, 68.6148



57.3229, 66.2022, 52.5712



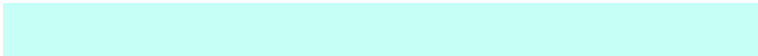
59.3499, 66.2022, 100.2366

Complementary

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



72.8192, 66.2022, 68.6148



75.5325, 90.1195, 99.8039

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.



55.6794, 66.2022, 89.9198



72.8192, 66.2022, 68.6148



54.5526, 66.2022, 62.1446

Square

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



72.8192, 66.2022, 68.6148



61.7003, 66.2022, 48.3343



53.9670, 66.2022, 75.6660



64.1622, 66.2022, 102.5605

Rectangle

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



72.8192, 66.2022, 68.6148



68.1738, 66.2022, 51.4994



53.9670, 66.2022, 75.6660



57.9493, 66.2022, 97.5287

Sweetspot

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



72.8208, 66.2051, 68.6162



87.3375, 88.2232, 95.0822



75.7453, 66.9428, 103.5368



18.5585, 18.6772, 20.1077



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.



72.8208, 66.2051, 68.6162



69.0495, 60.5286, 61.6058



76.0035, 74.4770, 63.7995



18.1394, 18.0391, 19.3511



21.8309, 11.2217, 2.4942



2.1596, 1.1062, 0.4218

Inverse Universe

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



72.8208, 66.2051, 68.6162



69.0495, 60.5286, 61.6058



71.6106, 79.7672, 106.2301



18.1394, 18.0391, 19.3511



21.8309, 11.2217, 2.4942



2.1596, 1.1062, 0.4218

Previews

White Background



This preview shows how the XYZ color 72.8192, 66.2022, 68.6148 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 72.8192, 66.2022, 68.6148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

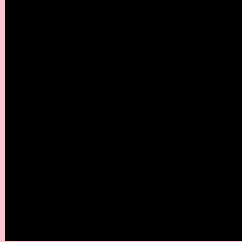
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.8192, 66.2022, 68.6148

Background



This preview shows how black text looks on a background with the XYZ color 72.8192, 66.2022, 68.6148.



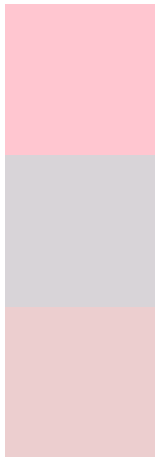
This preview shows how white text looks on a background with the XYZ color 72.8192, 66.2022,

68.6148.

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

72.8192, 66.2022, 68.6148

Protanopia

64.2571, 66.6438, 74.4426

Deuteranopia

67.9259, 66.4805, 68.2834



Tritanopia

73.4443, 66.4523, 71.9064

Trichromacy



Original Color

72.8192, 66.2022, 68.6148

Protanomaly

66.9562, 66.2527, 72.2099

Deuteranomaly

69.5806, 66.2716, 68.1559

Tritanomaly

73.1920, 66.3513, 70.5775

Monochromacy



Original Color

72.8192, 66.2022, 68.6148

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.4438, 67.2280, 72.3724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8192, 66.2022, 68.6148 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, 198, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 208)  
}
```

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, 198, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 208) }
```

Border

The CSS property to change the border of an element to XYZ 72.8192, 66.2022, 68.6148 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, 198, 208) }
```


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

```
.border{ border-color:rgb(255, 198, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8192, 66.2022, 68.6148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 208) }
```

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

```
.background{ background-color: rgb(255,  
198, 208) }
```

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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