

Converting Colors

XYZ(70.6432, 66.6435, 72.0405)

Have a look what the booklet for
XYZ(70.6432, 66.6435, 72.0405)
contains.

XYZ(70.6744, 66.7491, 72.1097)	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(70.6744, 66.7491,
72.1097)**

Conversions

Conversions Part 1

Format	Color
Hex	F4CBD5
RGB	244, 203, 213
RGB Percent	96%, 80%, 84%
CMY	0.0431, 0.2039, 0.1647
CMYK	0.00, 0.17, 0.13, 0.04
HSL	345°, 65%, 88%
HSV	345°, 17%, 96%
XYZ	70.6744, 66.7491, 72.1097
YIQ	216.3990, 21.2260, 11.8020

Conversions

Conversions Part 2

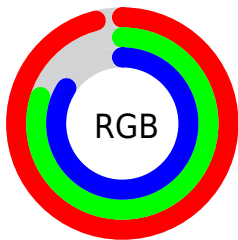
Format	Color
RYB	244, 203, 213
Decimal	16042965
CIELab	85.38, 16.01, 0.46
CIELCh	85, 16.015, 1.636
Yxy	66.7491, 0.3373, 0.3186
Android (android.graphics.Color)	4294233045 (0xFFFF4CBD5)
YUV	216.3990, -1.6757, 24.2061
Hunter-Lab	81.7001, 11.4356, 4.8599

Details

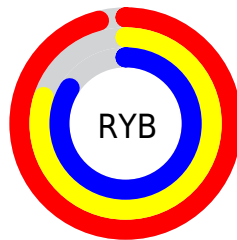
The XYZ color **70.6744, 66.7491, 72.1097** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.8332, 83.3401, 90.1462**, and the grayscale version is **65.5448, 68.9583, 75.0956**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4125, 34.5283, 37.0405** is the 20% darker color. If you saturate the color by 10%, you get **63.1493, 55.2355, 58.6969**, and if you desaturate by 10%, it is **79.3766, 80.1889, 87.2310**.

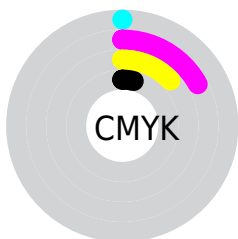
Distribution



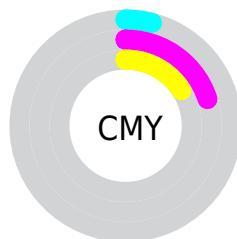
- Red (96%)
- Green (80%)
- Blue (84%)



- Red (96%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (17%)
- Yellow (13%)
- Black (4%)



- Cyan (4%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.6744, 66.7491, 72.1097 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 70.6744, 66.7491, 72.1097 by changing the saturation by 10% instead.

70.6744, 66.7491,
72.1097

70.6744, 66.7491,
72.1097

452.1440,
449.0512, 486.9111

52.3581, 48.8808,
52.7609

119.1910,
114.5608, 123.9217

37.5160, 34.5249,
37.2255

150.1221,
145.2730, 157.2219

25.7828, 23.2971,
25.0850

185.9887,
181.0352, 196.0097

16.7930, 14.8131,
15.9208

227.1564,
222.2319, 240.7036

10.1814, 8.6883,
9.3144

273.9904,
269.2475, 291.7222

5.5826, 4.5384,
4.8472

326.8561,

2.6312, 1.9791,

322.4663, 349.4839

2.1007

386.1188,
382.2727, 414.4074

■ 0.9619, 0.5953,
0.6162

■ 0.0000, 0.0000,
0.0000

■ 70.6744, 66.7491,
72.1097

■ 70.6744, 66.7491,
72.1097

■ 63.1493, 55.2355,
58.6969

■ 79.3766, 80.1889,
87.2310

■ 56.7445, 45.5510,
46.9275

■ 89.2982, 95.6284,
104.1144

■ 51.4067, 37.6034,
36.7383

■ 91.1185, 97.9733,
108.7160

■ 47.0762, 31.2891,
28.0603

■ 43.6871, 26.4932,
20.8192

■ 41.1652, 23.0858,
14.9340

■ 39.4248, 20.9150,
10.3149

■ 38.3589, 19.7889,
6.8591

■ 38.1108, 19.5542,
5.9707

Harmonies

Analogous

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



69.7813, 66.7491, 82.5885



70.6744, 66.7491, 72.1097



69.5693, 66.7491, 62.6953

Triad

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



70.6744, 66.7491, 72.1097



59.8541, 66.7491, 56.9617



60.1864, 66.7491, 91.7132

Complementary

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



70.6744, 66.7491, 72.1097



71.8332, 83.3401, 90.1462

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.



57.6873, 66.7491, 83.6687



70.6744, 66.7491, 72.1097



57.5007, 66.7491, 63.5946

Square

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



70.6744, 66.7491, 72.1097



63.2441, 66.7491, 54.4820



56.7225, 66.7491, 73.2501



63.6423, 66.7491, 94.5329

Rectangle

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



70.6744, 66.7491, 72.1097



67.8718, 66.7491, 58.1127



56.7225, 66.7491, 73.2501



59.2112, 66.7491, 89.4949

Sweetspot

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



70.6763, 66.7521, 72.1111



89.6029, 91.5277, 99.6176



71.5370, 66.6969, 94.6920



19.0207, 19.3455, 21.0515



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.



70.6763, 66.7521, 72.1111



75.2839, 69.4261, 74.6936



71.9471, 71.2620, 66.4665



16.6648, 16.5488, 17.9813



20.7673, 10.6504, 3.4831



1.8643, 0.9517, 0.5117

Inverse Universe

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



70.6763, 66.7521, 72.1111



75.2839, 69.4261, 74.6936



70.3118, 77.9336, 96.9255



16.6648, 16.5488, 17.9813



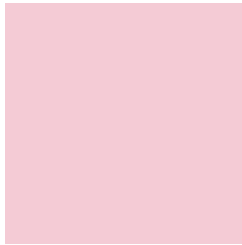
20.7673, 10.6504, 3.4831



1.8643, 0.9517, 0.5117

Previews

White Background



This preview shows how the XYZ color 70.6744, 66.7491, 72.1097 looks on a white background.

Color Contrast Check

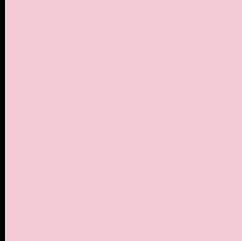
Large Text (above 18pt) WCAG AA × Fail

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 70.6744, 66.7491, 72.1097 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 70.6744, 66.7491, 72.1097

Background



This preview shows how black text looks on a background with the XYZ color 70.6744, 66.7491, 72.1097.

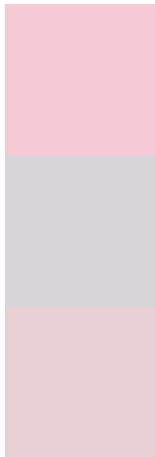


This preview shows how white text looks on a background with the XYZ color 70.6744, 66.7491,

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

70.6744, 66.7491, 72.1097

Protanopia

64.5173, 66.7479, 75.8129

Deuteranopia

68.1282, 66.8715, 71.6041



Tritanopia

71.4316, 66.7155, 75.4422

Trichromacy



Original Color

70.6744, 66.7491, 72.1097

Protanomaly

66.5592, 66.7275, 74.3374

Deuteranomaly

69.2149, 67.0732, 71.5858

Tritanomaly

71.1714, 66.6114, 74.0719

Monochromacy



Original Color

70.6744, 66.7491, 72.1097

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.9240, 67.6636, 73.8231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6744, 66.7491, 72.1097 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(244, 203, 213)` looks like.

```
.text, #text, p{  
    color:rgb(244, 203, 213)  
}
```

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(244, 203, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 203, 213) }
```

Border

The CSS property to change the border of an element to XYZ 70.6744, 66.7491, 72.1097 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(244, 203, 213) }
```


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

```
.border{ border-color:rgb(244, 203, 213) }
```

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

Here you see how a box with a 4 pixel rgb(244, 203, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 203, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 203, 213);  
box-shadow:4px 4px 4px 4px rgb(244, 203,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6744, 66.7491, 72.1097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 203, 213) }
```

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

```
.background{ background-color: rgb(244,  
203, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor