

Converting Colors

XYZ(71.9683, 64.3470, 68.8040)

Have a look what the booklet for
XYZ(71.9683, 64.3470, 68.8040)
contains.

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Color

**XYZ(72.0404, 64.4470,
68.9642)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2D1
RGB	255, 194, 209
RGB Percent	100%, 76%, 82%
CMY	0.0000, 0.2392, 0.1804
CMYK	0.00, 0.24, 0.18, 0.00
HSL	345°, 100%, 88%
HSV	345°, 24%, 100%
XYZ	72.0404, 64.4470, 68.9642
YIQ	213.9490, 31.5410, 17.5970

Conversions

Conversions Part 2

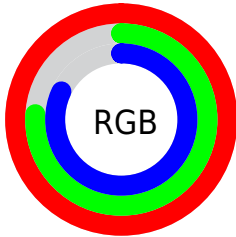
Format	Color
R _Y B	255, 194, 209
Decimal	16761553
CIE Lab	84.20, 23.99, 1.00
CIE LCh	84, 24.012, 2.379
Yxy	64.4470, 0.3506, 0.3137
Android (android.graphics.Color)	4294951633 (0xFFFFC2D1)
YUV	213.9490, -2.4399, 36.0017
Hunter-Lab	80.2789, 19.6937, 5.2617

Details

The XYZ color **72.0404, 64.4470, 68.9642** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.7386, 89.2817, 95.7884**, and the grayscale version is **63.8846, 67.2116, 73.1934**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **38.3204, 32.9930, 35.3589** is the 20% darker color. If you saturate the color by 10%, you get **64.6054, 53.1602, 55.4396**, and if you desaturate by 10%, it is **80.7396, 77.8019, 84.3298**.

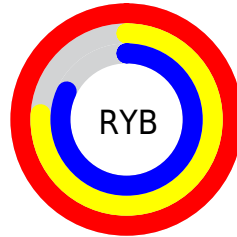
Distribution



Red (100%)

Green (76%)

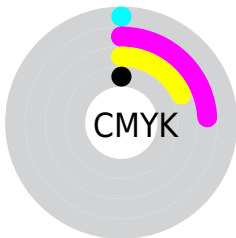
Blue (82%)



Red (100%)

Yellow (76%)

Blue (82%)

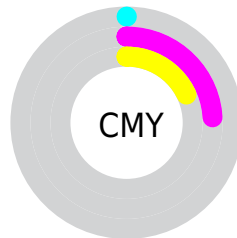


Cyan (0%)

Magenta (24%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.0404, 64.4470, 68.9642 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 72.0404, 64.4470, 68.9642 by changing the saturation by 10% instead.


 72.0404, 64.4470,
68.9642

 72.0404, 64.4470,
68.9642


456.8377,
440.8021, 475.5952

 53.4773, 47.0128,
50.2110


 121.1245,
111.2544, 119.3977

 38.4129, 33.0458,
35.2087


152.3761,
141.3965, 151.9150

 26.4820, 22.1615,
23.5389


188.5879,
176.5433, 189.8574

 17.3191, 13.9756,
14.7829

230.1253,
217.0792, 233.6435

 10.5590, 8.1037,
8.5222

277.3536,
263.3886, 283.6918

 5.8362, 4.1614,
4.3383

330.6382,

 2.7855, 1.7642,

315.8560, 340.4208

1.8127

390.3444,
374.8657, 404.2491

■ 1.0413, 0.4647,
0.4363

■ 0.0000, 0.0000,
0.0000

■ 72.0404, 64.4470,
68.9642

■ 72.0404, 64.4470,
68.9642

■ 64.6054, 53.1602,
55.4396

■ 80.7396, 77.8019,
84.3298

■ 58.3702, 43.8295,
43.6819

■ 90.7543, 93.3125,
101.5987

■ 53.2715, 36.3453,
33.6174

95.0500, 100.0000,
108.9000

■ 49.2379, 30.5834,
25.1658

■ 46.1899, 26.4046,
18.2398

■ 44.0363, 23.6476,
12.7431

■ 42.6671, 22.1157,
8.5668

■ 42.1286, 21.6154,
6.6093

Harmonies

Analogous

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



70.7606, 64.4470, 84.6302



72.0404, 64.4470, 68.9642



70.2947, 64.4470, 55.6399

Triad

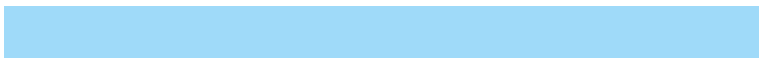
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.0404, 64.4470, 68.9642



55.9450, 64.4470, 48.2482



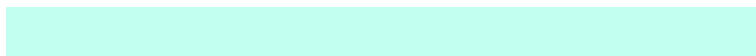
56.6393, 64.4470, 99.4210

Complementary

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



72.0404, 64.4470, 68.9642



73.7386, 89.2817, 95.7884

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.



53.0255, 64.4470, 87.0363



72.0404, 64.4470, 68.9642



52.6412, 64.4470, 57.4617

Square

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



72.0404, 64.4470, 68.9642



60.8318, 64.4470, 44.8091



51.6036, 64.4470, 71.3935



61.6800, 64.4470, 103.6544

Rectangle

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



72.0404, 64.4470, 68.9642



67.7056, 64.4470, 49.4538



51.6036, 64.4470, 71.3935



55.2276, 64.4470, 95.9928

Sweetspot

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



72.0419, 64.4498, 68.9655



87.5254, 88.2984, 96.0716



73.1940, 64.2881, 103.1588



18.6019, 18.6945, 20.3361



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.



72.0419, 64.4498, 68.9655



68.1096, 58.4623, 61.8678



73.8413, 70.8813, 60.8321



18.1925, 18.0603, 19.6307



22.0623, 11.3142, 3.7123



2.1892, 1.1181, 0.5779

Inverse Universe

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



72.0419, 64.4498, 68.9655



68.1096, 58.4623, 61.8678



71.3867, 80.8641, 106.4536



18.1925, 18.0603, 19.6307



22.0623, 11.3142, 3.7123



2.1892, 1.1181, 0.5779

Previews

White Background



This preview shows how the XYZ color 72.0404, 64.4470, 68.9642 looks on a white background.

Color Contrast Check

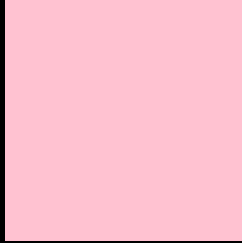
Large Text (above 18pt) WCAG AA × Fail

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 72.0404, 64.4470, 68.9642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

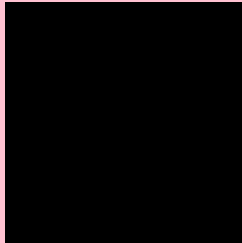
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.0404, 64.4470, 68.9642

Background



This preview shows how black text looks on a background with the XYZ color 72.0404, 64.4470, 68.9642.



This preview shows how white text looks on a background with the XYZ color 72.0404, 64.4470,

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

72.0404, 64.4470, 68.9642

Protanopia

62.6067, 64.6599, 75.5106

Deuteranopia

66.1341, 64.8465, 68.0625



Tritanopia

72.0404, 64.4470, 68.9642

Trichromacy



Original Color

72.0404, 64.4470, 68.9642

Protanomaly

65.8535, 64.5860, 73.2855

Deuteranomaly

67.9746, 64.3879, 68.5200

Tritanomaly

72.0404, 64.4470, 68.9642

Monochromacy



Original Color

72.0404, 64.4470, 68.9642

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

66.5096, 66.0371, 71.5284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0404, 64.4470, 68.9642 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 209) }
```

Border

The CSS property to change the border of an element to XYZ 72.0404, 64.4470, 68.9642 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, 209) }
```


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

```
.border{ border-color:rgb(255, 194, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0404, 64.4470, 68.9642 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, 209) }
```

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

```
.background{ background-color: rgb(255,  
194, 209) }
```

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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