

Converting Colors

XYZ(82.7984, 71.5896, 67.0383)

Have a look what the booklet for
XYZ(82.7984, 71.5896, 67.0383)
contains.

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Color

**XYZ(72.6829, 66.5146,
66.7654)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7CD
RGB	255, 199, 205
RGB Percent	100%, 78%, 80%
CMY	0.0000, 0.2196, 0.1961
CMYK	0.00, 0.22, 0.20, 0.00
HSL	354°, 100%, 89%
HSV	354°, 22%, 100%
XYZ	72.6829, 66.5146, 66.7654
YIQ	216.4280, 31.4500, 13.7380

Conversions

Conversions Part 2

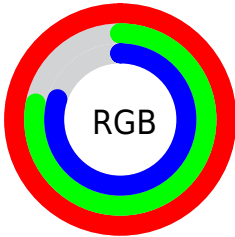
Format	Color
R _Y B	255, 199, 205
Decimal	16762829
CIE Lab	85.26, 20.77, 4.67
CIE LCh	85, 21.290, 12.671
Yxy	66.5146, 0.3529, 0.3229
Android (android.graphics.Color)	4294952909 (0xFFFFC7CD)
YUV	216.4280, -5.6340, 33.8276
Hunter-Lab	81.5565, 16.3548, 8.5524

Details

The XYZ color **72.6829, 66.5146, 66.7654** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.4144, 90.5028, 103.0677**, and the grayscale version is **65.5857, 69.0012, 75.1424**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0000, 34.4909, 33.8800** is the 20% darker color. If you saturate the color by 10%, you get **64.7483, 54.7286, 51.5327**, and if you desaturate by 10%, it is **82.0037, 80.4325, 84.4352**.

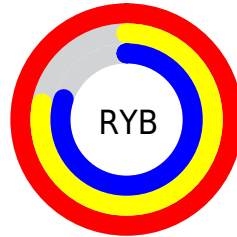
Distribution



Red (100%)

Green (78%)

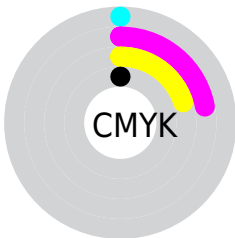
Blue (80%)



Red (100%)

Yellow (78%)

Blue (80%)

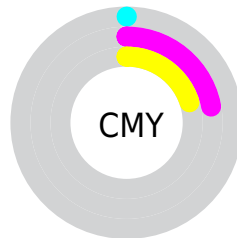


Cyan (0%)

Magenta (22%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.6829, 66.5146, 66.7654 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 72.6829, 66.5146, 66.7654 by changing the saturation by 10% instead.


 72.6829, 66.5146,
66.7654

 72.6829, 66.5146,
66.7654


459.0359,
448.2150, 467.5880

 54.0042, 48.6903,
48.4336


122.0325,
114.2246, 116.2216

 38.8357, 34.3738,
33.8080


153.4341,
144.8791, 148.1832

 26.8121, 23.1809,
22.4699


189.8073,
180.5790, 185.5250

 17.5680, 14.7272,
14.0010

231.5176,
221.7089, 228.6657

 10.7381, 8.6281,
7.9826

278.9302,
268.6530, 278.0238

 5.9570, 4.4994,
3.9962


332.4106,


 2.8594, 1.9567,


321.7958, 334.0179


1.6233


392.3240,
381.5217, 397.0664


 1.0798, 0.5821,
0.3073


 0.0081, 0.0000,
0.0000


 72.6829, 66.5146,
66.7654


 72.6829, 66.5146,
66.7654

 64.7483, 54.7286,
51.5327

 82.0037, 80.4325,
84.4352

 58.1290, 44.9610,
38.6261

 92.7678, 96.5711,
104.6384

 52.7551, 37.1010,
27.9321

95.0500, 100.0000,
108.9000

 48.5481, 31.0237,
19.3259

■ 45.4205, 26.5891,
12.6704

■ 43.2724, 23.6365,
7.8120

■ 41.9847, 21.9726,
4.5733

■ 41.4414, 21.3405,
2.9903

Harmonies

Analogous

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



72.4695, 66.5146, 80.6055



72.6829, 66.5146, 66.7654



70.2694, 66.5146, 55.9080

Triad

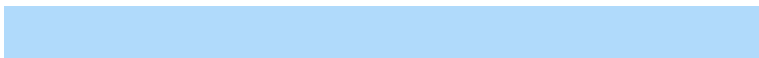
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.6829, 66.5146, 66.7654



57.1546, 66.5146, 54.6361



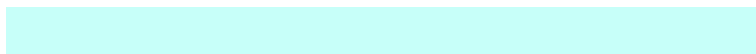
60.5042, 66.5146, 100.7752

Complementary

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



72.6829, 66.5146, 66.7654



76.4144, 90.5028, 103.0677

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.



56.6588, 66.5146, 91.9069



72.6829, 66.5146, 66.7654



54.7933, 66.5146, 64.8140

Square

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



72.6829, 66.5146, 66.7654



61.2125, 66.5146, 49.5260



54.6165, 66.5146, 78.3917



65.2712, 66.5146, 101.4717

Rectangle

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



72.6829, 66.5146, 66.7654



67.5635, 66.5146, 51.3425



54.6165, 66.5146, 78.3917



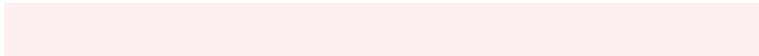
59.0670, 66.5146, 98.6039

Sweetspot

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



72.6844, 66.5175, 66.7668



87.1567, 88.1509, 94.1300



77.3521, 68.1116, 103.6777



18.5167, 18.6605, 19.8879



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.



72.6844, 66.5175, 66.7668



69.3140, 61.5026, 60.3225



77.2663, 76.8175, 64.7914



18.0884, 18.0187, 19.0827



21.6793, 11.1610, 1.6960



2.1355, 1.0966, 0.2951

Inverse Universe

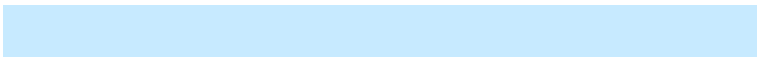
The Inverse Universe completely reimagines the original color for something new.



72.6844, 66.5175, 66.7668



69.3140, 61.5026, 60.3225



70.8956, 77.9445, 105.9159



18.0884, 18.0187, 19.0827



21.6793, 11.1610, 1.6960



2.1355, 1.0966, 0.2951

Previews

White Background



This preview shows how the XYZ color 72.6829, 66.5146, 66.7654 looks on a white background.

Color Contrast Check

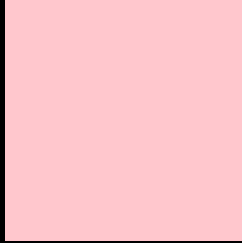
Large Text (above 18pt) WCAG AA × Fail

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 72.6829, 66.5146, 66.7654 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 72.6829, 66.5146, 66.7654

Background



This preview shows how black text looks on a background with the XYZ color 72.6829, 66.5146, 66.7654.



This preview shows how white text looks on a background with the XYZ color 72.6829, 66.5146,

66.7654.

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

72.6829, 66.5146, 66.7654

Protanopia

64.0424, 66.5921, 71.7655

Deuteranopia

67.8954, 66.5068, 66.3854



Tritanopia

73.4443, 66.4523, 71.9064

Trichromacy



Original Color

72.6829, 66.5146, 66.7654

Protanomaly

66.7764, 66.2180, 69.5835

Deuteranomaly

69.5632, 66.3046, 66.2584

Tritanomaly

73.0669, 66.3013, 69.9192

Monochromacy



Original Color

72.6829, 66.5146, 66.7654

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.5634, 67.6696, 71.7879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6829, 66.5146, 66.7654 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, 199, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 205)  
}
```

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, 199, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 205) }
```

Border

The CSS property to change the border of an element to XYZ 72.6829, 66.5146, 66.7654 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, 199, 205) }
```


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

```
.border{ border-color:rgb(255, 199, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6829, 66.5146, 66.7654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 205) }
```

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

```
.background{ background-color: rgb(255,  
199, 205) }
```

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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