

Converting Colors

XYZ(71.2290, 65.8066, 64.8249)

Have a look what the booklet for
XYZ(71.2290, 65.8066, 64.8249)
contains.

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Color

**XYZ(71.2290, 65.8066,
64.8249)**

Conversions

Conversions Part 1

Format	Color
Hex	FCC7CA
RGB	252, 199, 202
RGB Percent	99%, 78%, 79%
CMY	0.0118, 0.2196, 0.2078
CMYK	0.00, 0.21, 0.20, 0.01
HSL	357°, 90%, 88%
HSV	357°, 21%, 99%
XYZ	71.2290, 65.8066, 64.8249
YIQ	215.1890, 30.6250, 12.1690

Conversions

Conversions Part 2

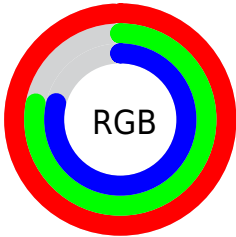
Format	Color
R _Y B	252, 199, 202
Decimal	16566218
CIE Lab	84.90, 19.26, 5.71
CIE LCh	85, 20.086, 16.518
Yxy	65.8066, 0.3529, 0.3260
Android (android.graphics.Color)	4294756298 (0xFFFC7CA)
YUV	215.1890, -6.5022, 32.2832
Hunter-Lab	81.1213, 14.7707, 9.4056

Details

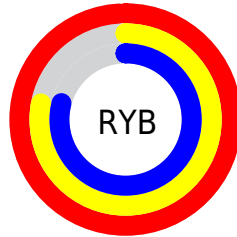
The XYZ color **71.2290, 65.8066, 64.8249** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.4652, 88.6041, 102.7518**, and the grayscale version is **64.7490, 68.1210, 74.1838**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9764, 33.9910, 32.5763** is the 20% darker color. If you saturate the color by 10%, you get **63.3023, 54.1162, 49.3475**, and if you desaturate by 10%, it is **80.5532, 79.5966, 82.9094**.

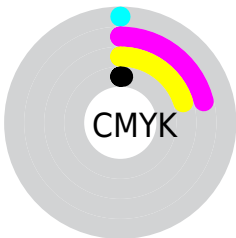
Distribution



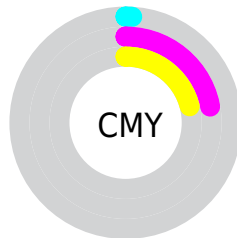
- Red (99%)
- Green (78%)
- Blue (79%)



- Red (99%)
- Yellow (78%)
- Blue (79%)



- Cyan (0%)
- Magenta (21%)
- Yellow (20%)
- Black (1%)





- Cyan (1%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.2290, 65.8066, 64.8249 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 71.2290, 65.8066, 64.8249 by changing the saturation by 10% instead.


 71.2290, 65.8066,
64.8249

 71.2290, 65.8066,
64.8249


454.0530,
445.6849, 460.4514

 52.8123, 48.1154,
46.8687


119.9765,
113.2087, 113.4089

 37.8798, 33.9183,
32.5782

151.0380,
143.6884, 144.8738

 26.0662, 22.8308,
21.5351


187.0451,
179.1998, 181.6787

 17.0061, 14.4687,
13.3206

228.3633,
220.1272, 224.2421

 10.3342, 8.4473,
7.5164

275.3578,
266.8550, 272.9825

 5.6851, 4.3825,
3.7038


328.3940,


 2.6934, 1.8897,


319.7676, 328.3185


1.4643


387.8373,
379.2494, 390.6686


 0.9938, 0.5422,
0.1911


 0.0000, 0.0000,
0.0000


 71.2290, 65.8066,
64.8249


 71.2290, 65.8066,
64.8249


 63.3023, 54.1162,
49.3475


 80.5532, 79.5966,
82.9094

 56.7006, 44.4141,
36.3530

 91.3318, 95.5725,
103.7090

 51.3532, 36.5923,
25.7135

 93.9551, 99.4356,
108.8488

 47.1806, 30.5289,
17.2879

■ 44.0941, 26.0879,
10.9199

■ 41.9926, 23.1130,
6.4330

■ 40.7557, 21.4176,
3.6209

■ 40.2260, 20.7279,
2.3049

Harmonies

Analogous

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



71.3587, 65.8066, 77.5958



71.2290, 65.8066, 64.8249



68.7021, 65.8066, 55.1103

Triad

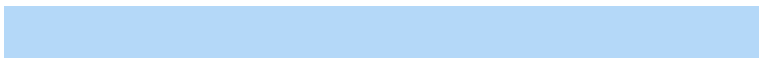
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.2290, 65.8066, 64.8249



56.4675, 65.8066, 55.8944



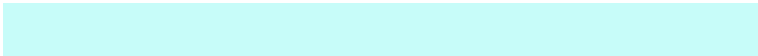
60.5484, 65.8066, 98.5987

Complementary

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



71.2290, 65.8066, 64.8249



75.4652, 88.6041, 102.7518

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.



56.7713, 65.8066, 91.2115



71.2290, 65.8066, 64.8249



54.4927, 65.8066, 66.0202

Square

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



71.2290, 65.8066, 64.8249



60.1155, 65.8066, 50.3941



54.6012, 65.8066, 78.9428



65.0436, 65.8066, 98.1783

Rectangle

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



71.2290, 65.8066, 64.8249



66.0643, 65.8066, 51.2141



54.6012, 65.8066, 78.9428



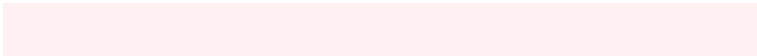
59.1572, 65.8066, 96.9117

Sweetspot

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



71.2308, 65.8096, 64.8263



88.1241, 89.7286, 95.5533



76.8731, 67.9201, 101.1542



18.7080, 18.9770, 20.1547



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

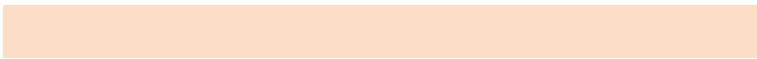
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.2308, 65.8096, 64.8263



69.7591, 62.5642, 59.9421



76.5681, 77.0462, 64.8724



17.2844, 17.2411, 18.0873



20.9704, 10.8039, 1.2866



1.9558, 1.0060, 0.1904

Inverse Universe

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



71.2308, 65.8096, 64.8263



69.7591, 62.5642, 59.9421



69.1550, 75.2300, 102.9720



17.2844, 17.2411, 18.0873



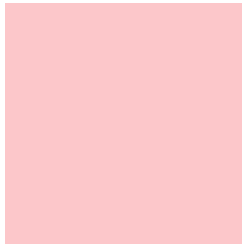
20.9704, 10.8039, 1.2866



1.9558, 1.0060, 0.1904

Previews

White Background



This preview shows how the XYZ color 71.2290, 65.8066, 64.8249 looks on a white background.

Color Contrast Check

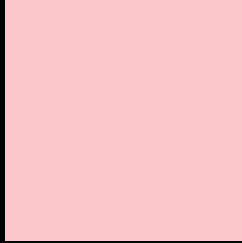
Large Text (above 18pt) WCAG AA × Fail

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 71.2290, 65.8066, 64.8249 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 71.2290, 65.8066, 64.8249

Background



This preview shows how black text looks on a background with the XYZ color 71.2290, 65.8066, 64.8249.



This preview shows how white text looks on a background with the XYZ color 71.2290, 65.8066,

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

71.2290, 65.8066, 64.8249

Protanopia

63.4182, 65.9437, 69.7075

Deuteranopia

67.2990, 65.8842, 64.4282



Tritanopia

72.4845, 65.6192, 71.7962

Trichromacy



Original Color

71.2290, 65.8066, 64.8249

Protanomaly

66.0865, 65.9049, 67.6303

Deuteranomaly

68.5165, 65.8062, 64.3490

Tritanomaly

72.2107, 65.8743, 69.2307

Monochromacy



Original Color

71.2290, 65.8066, 64.8249

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.4282, 66.7481, 70.3553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2290, 65.8066, 64.8249 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(252, 199, 202)` looks like.

```
.text, #text, p{  
    color:rgb(252, 199, 202)  
}
```

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(252, 199, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 199, 202) }
```

Border

The CSS property to change the border of an element to XYZ 71.2290, 65.8066, 64.8249 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(252, 199, 202) }
```


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

```
.border{ border-color:rgb(252, 199, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 199, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 199, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 199, 202);  
box-shadow:4px 4px 4px 4px rgb(252, 199,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2290, 65.8066, 64.8249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 199, 202) }
```

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

```
.background{ background-color: rgb(252,  
199, 202) }
```

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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