

Converting Colors

XYZ(80.8095, 69.9148, 69.4500)

Have a look what the booklet for
XYZ(80.8095, 69.9148, 69.4500)
contains.

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Color

**XYZ(72.7149, 65.7960,
69.1890)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC5D1
RGB	255, 197, 209
RGB Percent	100%, 77%, 82%
CMY	0.0000, 0.2274, 0.1804
CMYK	0.00, 0.23, 0.18, 0.00
HSL	348°, 100%, 89%
HSV	348°, 23%, 100%
XYZ	72.7149, 65.7960, 69.1890
YIQ	215.7100, 30.7160, 16.0280

Conversions

Conversions Part 2

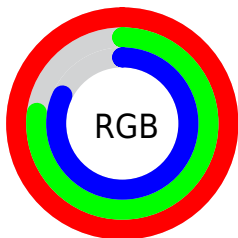
Format	Color
R_{YB}	255, 197, 209
Decimal	16762321
CIE _{Lab}	84.89, 22.42, 2.01
CIE _{LCh}	85, 22.506, 5.117
Yxy	65.7960, 0.3501, 0.3168
Android (android.graphics.Color)	4294952401 (0xFFFFC5D1)
YUV	215.7100, -3.3080, 34.4573
Hunter-Lab	81.1147, 18.0647, 6.2073

Details

The XYZ color **72.7149, 65.7960, 69.1890** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.9660, 89.8625, 98.1920**, and the grayscale version is **65.0815, 68.4708, 74.5647**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **39.0276, 34.0172, 35.5194** is the 20% darker color. If you saturate the color by 10%, you get **65.0597, 54.2418, 55.0572**, and if you desaturate by 10%, it is **81.6705, 79.4417, 85.3244**.

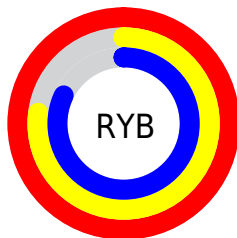
Distribution



Red (100%)

Green (77%)

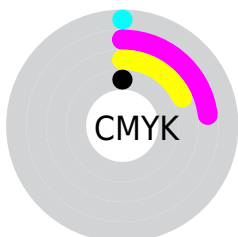
Blue (82%)



Red (100%)

Yellow (77%)

Blue (82%)

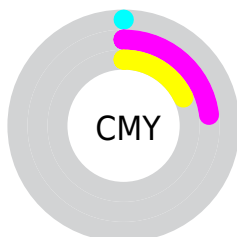


Cyan (0%)

Magenta (23%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7149, 65.7960, 69.1890 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 72.7149, 65.7960, 69.1890 by changing the saturation by 10% instead.

 72.7149, 65.7960,
69.1890

 72.7149, 65.7960,
69.1890


459.1452,
445.6470, 476.4093

 54.0304, 48.1068,
50.3929


122.0777,
113.1935, 119.7217

 38.8567, 33.9115,
35.3523

153.4867,
143.6706, 152.2955

 26.8285, 22.8256,
23.6487


189.8680,
179.1791, 190.2989

 17.5804, 14.4648,
14.8634

231.5869,
220.1035, 234.1504

 10.7470, 8.4446,
8.5780

279.0086,
266.8280, 284.2687

 5.9630, 4.3808,
4.3740

332.4987,

 2.8631, 1.8888,

319.7372, 341.0722

1.8327

392.4225,
379.2154, 404.9796

■ 1.0818, 0.5416,
0.4494

■ 0.0098, 0.0000,
0.0000

■ 72.7149, 65.7960,
69.1890

■ 72.7149, 65.7960,
69.1890

■ 65.0597, 54.2418,
55.0572

■ 81.6705, 79.4417,
85.3244

■ 58.6391, 44.6674,
42.8460

■ 91.9789, 95.2665,
103.5337

■ 53.3885, 36.9634,
32.4725

95.0500, 100.0000,
108.9000

■ 49.2355, 31.0067,
23.8459

■ 46.0994, 26.6588,
16.8678

■ 43.8878, 23.7606,
11.4291

■ 42.4904, 22.1195,
7.4067

■ 41.8767, 21.5147,
5.2828

Harmonies

Analogous

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



71.7652, 65.7960, 83.9894



72.7149, 65.7960, 69.1890



70.8202, 65.7960, 56.8057

Triad

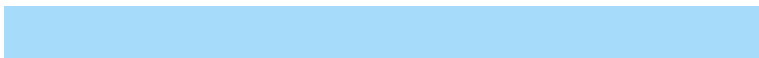
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7149, 65.7960, 69.1890



57.1164, 65.7960, 51.2174



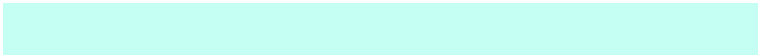
58.5401, 65.7960, 99.9430

Complementary

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



72.7149, 65.7960, 69.1890



74.9660, 89.8625, 98.1920

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.



54.9265, 65.7960, 88.8567



72.7149, 65.7960, 69.1890



54.1361, 65.7960, 60.5658

Square

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



72.7149, 65.7960, 69.1890



61.6751, 65.7960, 47.3602



53.3563, 65.7960, 74.1496



63.4071, 65.7960, 103.0593

Rectangle

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



72.7149, 65.7960, 69.1890



68.2559, 65.7960, 51.1653



53.3563, 65.7960, 74.1496



57.1470, 65.7960, 96.9581

Sweetspot

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



72.7165, 65.7989, 69.1904



87.4212, 88.2567, 95.5230



74.7850, 66.1096, 103.4266



18.5778, 18.6849, 20.2094



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.



72.7165, 65.7989, 69.1904



69.3016, 60.6295, 62.9333



75.2233, 73.1006, 62.9722



18.1630, 18.0485, 19.4756



21.9243, 11.2590, 2.9859



2.1720, 1.1112, 0.4871

Inverse Universe

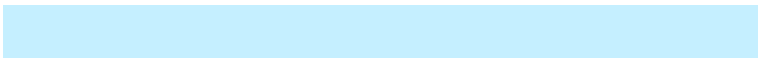
The Inverse Universe completely reimagines the original color for something new.



72.7165, 65.7989, 69.1904



69.3016, 60.6295, 62.9333



71.8179, 80.5718, 106.3744



18.1630, 18.0485, 19.4756



21.9243, 11.2590, 2.9859



2.1720, 1.1112, 0.4871

Previews

White Background



This preview shows how the XYZ color 72.7149, 65.7960, 69.1890 looks on a white background.

Color Contrast Check

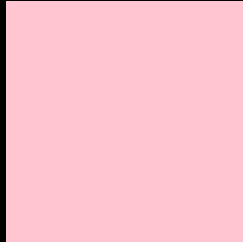
Large Text (above 18pt) WCAG AA × Fail

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 72.7149, 65.7960, 69.1890 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 72.7149, 65.7960, 69.1890

Background



This preview shows how black text looks on a background with the XYZ color 72.7149, 65.7960, 69.1890.



This preview shows how white text looks on a background with the XYZ color 72.7149, 65.7960,

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

72.7149, 65.7960, 69.1890

Protanopia

63.8430, 66.0454, 75.0288

Deuteranopia

67.3548, 65.8298, 68.1879



Tritanopia

73.0899, 65.9460, 71.1639

Trichromacy



Original Color

72.7149, 65.7960, 69.1890

Protanomaly

66.8420, 65.8206, 72.8000

Deuteranomaly

69.1236, 65.6724, 68.7073

Tritanomaly

72.9641, 65.8957, 70.5015

Monochromacy



Original Color

72.7149, 65.7960, 69.1890

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 72.7149, 65.7960, 69.1890 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, 197, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 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, 197, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 209) }
```

Border

The CSS property to change the border of an element to XYZ 72.7149, 65.7960, 69.1890 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, 197, 209) }
```


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

```
.border{ border-color:rgb(255, 197, 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, 197, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7149, 65.7960, 69.1890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 209) }
```

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

```
.background{ background-color: rgb(255,  
197, 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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