

Converting Colors

XYZ(80.9212, 69.6262, 67.7821)

Have a look what the booklet for
XYZ(80.9212, 69.6262, 67.7821)
contains.

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Color

**XYZ(72.1205, 65.1961,
67.1755)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC4CE
RGB	255, 196, 206
RGB Percent	100%, 77%, 81%
CMY	0.0000, 0.2313, 0.1922
CMYK	0.00, 0.23, 0.19, 0.00
HSL	350°, 100%, 88%
HSV	350°, 23%, 100%
XYZ	72.1205, 65.1961, 67.1755
YIQ	214.7810, 31.9540, 15.6180

Conversions

Conversions Part 2

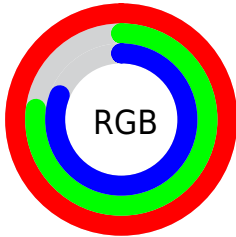
Format	Color
R _Y B	255, 196, 206
Decimal	16762062
CIE Lab	84.58, 22.49, 3.16
CIE LCh	85, 22.714, 8.001
Yxy	65.1961, 0.3527, 0.3188
Android (android.graphics.Color)	4294952142 (0xFFFFC4CE)
YUV	214.7810, -4.3290, 35.2721
Hunter-Lab	80.7441, 18.1337, 7.1942

Details

The XYZ color **72.1205, 65.1961, 67.1755** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.0087, 89.8495, 99.7794**, and the grayscale version is **64.4578, 67.8146, 73.8501**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **38.3665, 33.4833, 34.1466** is the 20% darker color. If you saturate the color by 10%, you get **64.4480, 53.6949, 52.7678**, and if you desaturate by 10%, it is **81.1205, 78.7967, 83.7379**.

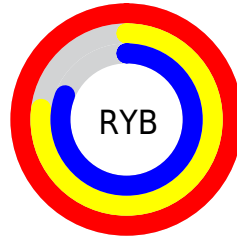
Distribution



Red (100%)

Green (77%)

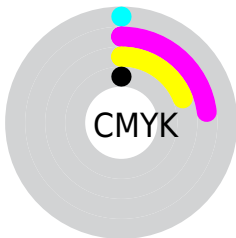
Blue (81%)



Red (100%)

Yellow (77%)

Blue (81%)

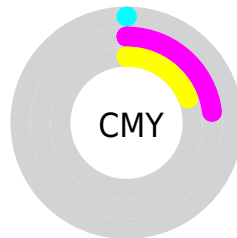


Cyan (0%)

Magenta (23%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.1205, 65.1961, 67.1755 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 72.1205, 65.1961, 67.1755 by changing the saturation by 10% instead.

72.1205, 65.1961,
67.1755

72.1205, 65.1961,
67.1755

457.1120,
443.4963, 469.0877

53.5429, 47.6201,
48.7648

121.2377,
112.3317, 116.8149

38.4656, 33.5261,
34.0686

152.5081,
142.6602, 148.8806

26.5231, 22.5298,
22.6685

188.7401,
178.0082, 186.3351

17.3501, 14.2467,
14.1460

230.2990,
218.7603, 229.5969

10.5813, 8.2925,
8.0823

277.5504,
265.3007, 279.0845

5.8512, 4.2826,
4.0592

330.8594,

2.7946, 1.8329,

318.0139, 335.2165

1.6579

390.5915,
377.2843, 398.4114

■ 1.0461, 0.5076,
0.3316

■ 0.0000, 0.0000,
0.0000

■ 72.1205, 65.1961,
67.1755

■ 72.1205, 65.1961,
67.1755

■ 64.4480, 53.6949,
52.7678

■ 81.1205, 78.7967,
83.7379

■ 58.0349, 44.1801,
40.4216

■ 91.5020, 94.5851,
102.5346

■ 52.8145, 36.5414,
30.0432

95.0500, 100.0000,
108.9000

■ 48.7118, 30.6539,
21.5297

■ 45.6431, 26.3779,
14.7686

■ 43.5126, 23.5516,
9.6352

■ 42.2056, 21.9797,
5.9870

■ 41.6798, 21.4359,
4.2460

Harmonies

Analogous

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



71.4429, 65.1961, 81.9569



72.1205, 65.1961, 67.1755



69.9628, 65.1961, 55.1622

Triad

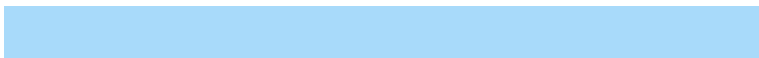
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.1205, 65.1961, 67.1755



56.1620, 65.1961, 51.1983



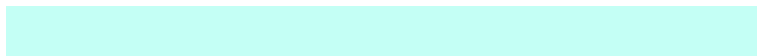
58.3898, 65.1961, 100.1171

Complementary

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



72.1205, 65.1961, 67.1755



75.0087, 89.8495, 99.7794

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.



54.6048, 65.1961, 89.5823



72.1205, 65.1961, 67.1755



53.3683, 65.1961, 61.0433

Square

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



72.1205, 65.1961, 67.1755



60.6212, 65.1961, 46.7938



52.8141, 65.1961, 74.9410



63.3324, 65.1961, 102.3461

Rectangle

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



72.1205, 65.1961, 67.1755



67.2725, 65.1961, 49.8630



52.8141, 65.1961, 74.9410



56.9479, 65.1961, 97.3668

Sweetspot

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



72.1221, 65.1990, 67.1768



87.3217, 88.2169, 94.9991



75.1636, 65.9688, 103.3794



18.5548, 18.6757, 20.0885



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

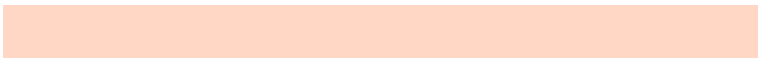
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.1221, 65.1990, 67.1768



68.2269, 59.3468, 59.9031



75.4255, 73.6877, 62.4761



18.1349, 18.0373, 19.3277



21.8150, 11.2153, 2.4104



2.1574, 1.1053, 0.4102

Inverse Universe

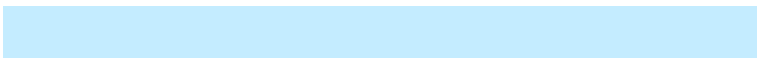
The Inverse Universe completely reimagines the original color for something new.



72.1221, 65.1990, 67.1768



68.2269, 59.3468, 59.9031



70.9039, 79.1312, 106.1446



18.1349, 18.0373, 19.3277



21.8150, 11.2153, 2.4104



2.1574, 1.1053, 0.4102

Previews

White Background



This preview shows how the XYZ color 72.1205, 65.1961, 67.1755 looks on a white background.

Color Contrast Check

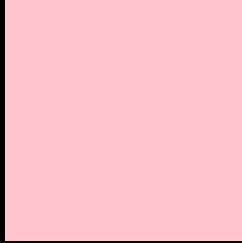
Large Text (above 18pt) WCAG AA × Fail

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 72.1205, 65.1961, 67.1755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

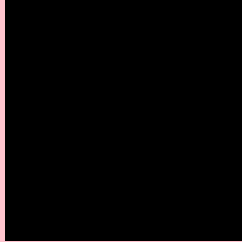
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.1205, 65.1961, 67.1755

Background



This preview shows how black text looks on a background with the XYZ color 72.1205, 65.1961, 67.1755.



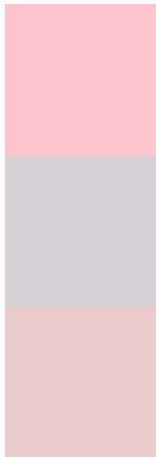
This preview shows how white text looks on a background with the XYZ color 72.1205, 65.1961,

67.1755.

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

72.1205, 65.1961, 67.1755

Protanopia

62.9157, 65.2444, 72.8957

Deuteranopia

66.4236, 65.0378, 66.1794



Tritanopia

72.6128, 65.3930, 69.7678

Trichromacy



Original Color

72.1205, 65.1961, 67.1755

Protanomaly

65.9023, 65.0238, 70.7054

Deuteranomaly

68.5240, 65.0583, 66.7035

Tritanomaly

72.4886, 65.3433, 69.1136

Monochromacy



Original Color

72.1205, 65.1961, 67.1755

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

67.0727, 66.6882, 71.6244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1205, 65.1961, 67.1755 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, 196, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 206)  
}
```

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, 196, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 206) }
```

Border

The CSS property to change the border of an element to XYZ 72.1205, 65.1961, 67.1755 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, 196, 206) }
```


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

```
.border{ border-color:rgb(255, 196, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1205, 65.1961, 67.1755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 206) }
```

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

```
.background{ background-color: rgb(255,  
196, 206) }
```

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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