

Converting Colors

XYZ(105.1940, 83.9965,
67.0781)

Have a look what the booklet for
XYZ(105.1940, 83.9965, 67.0781)
contains.

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Color

**XYZ(72.9061, 67.3451,
65.6562)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9CB
RGB	255, 201, 203
RGB Percent	100%, 79%, 80%
CMY	0.0000, 0.2117, 0.2039
CMYK	0.00, 0.21, 0.20, 0.00
HSL	358°, 100%, 89%
HSV	358°, 21%, 100%
XYZ	72.9061, 67.3451, 65.6562
YIQ	217.3740, 31.5420, 12.0700

Conversions

Conversions Part 2

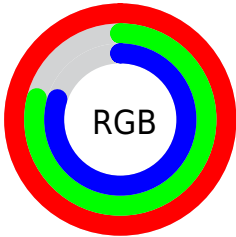
Format	Color
R _Y B	255, 201, 203
Decimal	16763339
CIE Lab	85.68, 19.43, 6.34
CIE LCh	86, 20.439, 18.070
Yxy	67.3451, 0.3541, 0.3271
Android (android.graphics.Color)	4294953419 (0xFFFFC9CB)
YUV	217.3740, -7.0864, 32.9980
Hunter-Lab	82.0641, 14.9681, 10.0093

Details

The XYZ color **72.9061, 67.3451, 65.6562** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.5795, 91.0305, 106.4144**, and the grayscale version is **66.2433, 69.6931, 75.8958**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1472, 35.0431, 33.1345** is the 20% darker color. If you saturate the color by 10%, you get **64.7492, 55.3496, 49.6243**, and if you desaturate by 10%, it is **82.5167, 81.5055, 84.4613**.

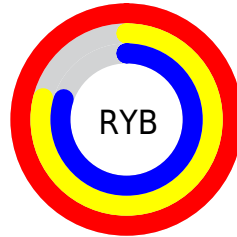
Distribution



Red (100%)

Green (79%)

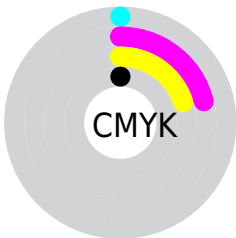
Blue (80%)



Red (100%)

Yellow (79%)

Blue (80%)

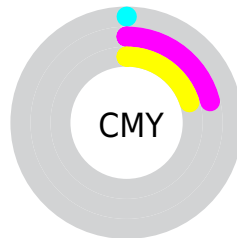


Cyan (0%)

Magenta (21%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.9061, 67.3451, 65.6562 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 72.9061, 67.3451, 65.6562 by changing the saturation by 10% instead.


 72.9061, 67.3451,
65.6562

 72.9061, 67.3451,
65.6562

459.7981,
451.1722, 463.5169

 54.1873, 49.3651,
47.5386

122.3477,
115.4148, 114.6150

 38.9827, 34.9092,
33.1043

153.8013,
146.2733, 146.2934

 26.9269, 23.5929,
21.9346


190.2305,
182.1934, 183.3291

 17.6546, 15.0319,
13.6110

232.0006,
223.5595, 226.1407

 10.8005, 8.8418,
7.7149

279.4771,
270.7561, 275.1468

 5.9992, 4.6381,
3.8280

333.0253,

 2.8852, 2.0366,

324.1674, 330.7658

1.5314

393.0105,
384.1780, 393.4163

■ 1.0934, 0.6286,
0.2412

■ 0.0196, 0.0000,
0.0000

■ 72.9061, 67.3451,
65.6562

■ 72.9061, 67.3451,
65.6562

■ 64.7492, 55.3496,
49.6243

■ 82.5167, 81.5055,
84.4613

■ 57.9706, 45.4040,
36.2305

■ 93.6416, 97.9205,
106.1577

■ 52.4956, 37.3963,
25.3348

95.0500, 100.0000,
108.9000

■ 48.2404, 31.2001,
16.7824

■ 45.1118, 26.6742,
10.4016

■ 43.0026, 23.6566,
5.9969

■ 41.7853, 21.9528,
3.3380

■ 41.2916, 21.2806,
2.2018

Harmonies

Analogous

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



73.1772, 67.3451, 78.7577



72.9061, 67.3451, 65.6562



70.1820, 67.3451, 55.8538

Triad

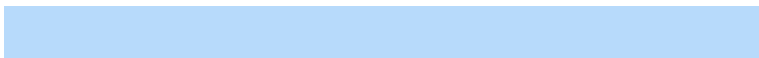
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9061, 67.3451, 65.6562



57.5755, 67.3451, 57.4899



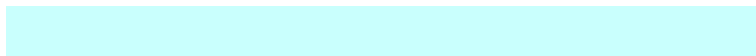
62.1761, 67.3451, 101.3919

Complementary

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



72.9061, 67.3451, 65.6562



77.5795, 91.0305, 106.4144

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.



58.2100, 67.3451, 94.1109



72.9061, 67.3451, 65.6562



55.6413, 67.3451, 68.1526

Square

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



72.9061, 67.3451, 65.6562



61.2717, 67.3451, 51.5477



55.8678, 67.3451, 81.5739



66.8277, 67.3451, 100.5119

Rectangle

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



72.9061, 67.3451, 65.6562



67.4126, 67.3451, 52.0162



55.8678, 67.3451, 81.5739



60.7229, 67.3451, 99.7847

Sweetspot

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



72.9078, 67.3481, 65.6576



88.0795, 89.7107, 95.3185



79.1919, 69.7478, 103.8965



18.6975, 18.9728, 20.0995



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

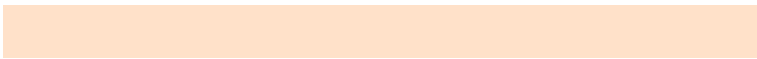
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9078, 67.3481, 65.6576



69.6187, 62.5081, 59.2029



78.7907, 79.4920, 66.4530



18.0366, 17.9979, 18.8098



21.5875, 11.1243, 1.2123



2.1110, 1.0868, 0.1661

Inverse Universe

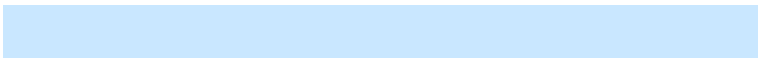
The Inverse Universe completely reimagines the original color for something new.



72.9078, 67.3481, 65.6576



69.6187, 62.5081, 59.2029



70.6319, 76.6240, 105.6750



18.0366, 17.9979, 18.8098



21.5875, 11.1243, 1.2123



2.1110, 1.0868, 0.1661

Previews

White Background



This preview shows how the XYZ color 72.9061, 67.3451, 65.6562 looks on a white background.

Color Contrast Check

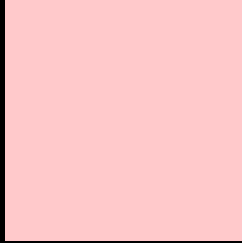
Large Text (above 18pt) WCAG AA × Fail

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 72.9061, 67.3451, 65.6562 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 72.9061, 67.3451, 65.6562

Background



This preview shows how black text looks on a background with the XYZ color 72.9061, 67.3451, 65.6562.



This preview shows how white text looks on a background with the XYZ color 72.9061, 67.3451,

65.6562.

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

72.9061, 67.3451, 65.6562

Protanopia

64.8928, 67.8063, 70.6405

Deuteranopia

68.9087, 67.4152, 65.2577



Tritanopia

74.1600, 67.4748, 73.4053

Trichromacy



Original Color

72.9061, 67.3451, 65.6562

Protanomaly

67.3417, 67.2617, 68.4650

Deuteranomaly

70.1482, 67.3394, 65.1777

Tritanomaly

73.6521, 67.2717, 70.7309

Monochromacy



Original Color

72.9061, 67.3451, 65.6562

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

68.1329, 68.3309, 71.8855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9061, 67.3451, 65.6562 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, 201, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 203)  
}
```

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, 201, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 203) }
```

Border

The CSS property to change the border of an element to XYZ 72.9061, 67.3451, 65.6562 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, 201, 203) }
```


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

```
.border{ border-color:rgb(255, 201, 203) }
```

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

Here you see how a box with a 4 pixel rgb(255, 201, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9061, 67.3451, 65.6562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 203) }
```

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

```
.background{ background-color: rgb(255,  
201, 203) }
```

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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