

Converting Colors

XYZ(74.5824, 65.0844, 65.7999)

Have a look what the booklet for
XYZ(74.5824, 65.0844, 65.7999)
contains.

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Color

**XYZ(70.9887, 63.3189,
65.6070)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC0CC
RGB	255, 192, 204
RGB Percent	100%, 75%, 80%
CMY	0.0000, 0.2470, 0.2000
CMYK	0.00, 0.25, 0.20, 0.00
HSL	349°, 100%, 88%
HSV	349°, 25%, 100%
XYZ	70.9887, 63.3189, 65.6070
YIQ	212.2050, 33.6960, 17.0880

Conversions

Conversions Part 2

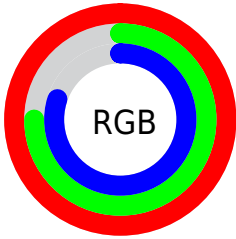
Format	Color
R _Y B	255, 192, 204
Decimal	16761036
CIE _{Lab}	83.61, 24.30, 2.82
CIE _{LCh}	84, 24.459, 6.612
Y _{xy}	63.3189, 0.3551, 0.3167
Android (android.graphics.Color)	4294951116 (0xFFFFC0CC)
Y _{UV}	212.2050, -4.0451, 37.5312
Hunter-Lab	79.5732, 19.9901, 6.8174

Details

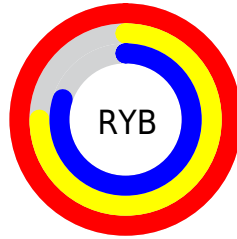
The XYZ color **70.9887, 63.3189, 65.6070** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.6782, 89.1986, 98.1317**, and the grayscale version is **62.7273, 65.9941, 71.8675**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **37.6195, 32.2493, 33.0961** is the 20% darker color. If you saturate the color by 10%, you get **63.5529, 52.1506, 51.7113**, and if you desaturate by 10%, it is **79.7258, 76.5640, 81.5573**.

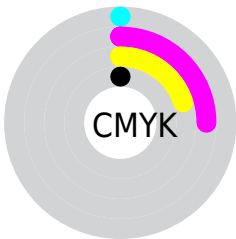
Distribution



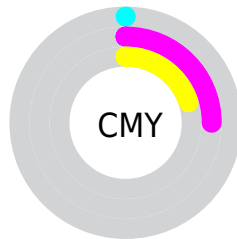
- Red (100%)
- Green (75%)
- Blue (80%)



- Red (100%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (25%)
- Yellow (20%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.9887, 63.3189, 65.6070 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 70.9887, 63.3189, 65.6070 by changing the saturation by 10% instead.


 70.9887, 63.3189,
65.6070

 70.9887, 63.3189,
65.6070


453.2264,
436.7259, 463.3358

 52.6155, 46.0992,
47.4990


 119.6362,
109.6295, 114.5437

 37.7221, 32.3241,
33.0731

150.6413,
139.4891, 146.2095

 25.9433, 21.6092,
21.9109


186.5876,
174.3310, 183.2316

 16.9137, 13.5700,
13.5937

227.8406,
214.5393, 226.0285

 10.2679, 7.8222,
7.7031

274.7656,
260.4986, 275.0189

 5.6406, 3.9814,
3.8206

327.7280,

 2.6664, 1.6632,

312.5932, 330.6212

1.5274

387.0932,
371.2075, 393.2540

■ 0.9799, 0.3996,
0.2382

■ 0.0000, 0.0000,
0.0000

■ 70.9887, 63.3189,
65.6070

■ 70.9887, 63.3189,
65.6070

■ 63.5529, 52.1506,
51.7113

■ 79.7258, 76.5640,
81.5573

■ 57.3509, 42.9456,
39.7821

■ 89.8182, 91.9752,
99.6376

■ 52.3162, 35.5923,
29.7307

95.0500, 100.0000,
108.9000

■ 48.3739, 29.9643,
21.4598

■ 45.4402, 25.9194,
14.8633

■ 43.4187, 23.2926,
9.8231

■ 42.1927, 21.8818,
6.2045

■ 41.7851, 21.4780,
4.8002

Harmonies

Analogous

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



70.1252, 63.3189, 81.3098



70.9887, 63.3189, 65.6070



68.8219, 63.3189, 52.8258

Triad

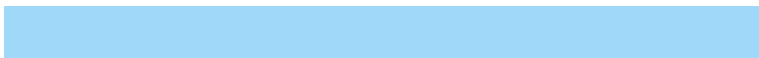
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.9887, 63.3189, 65.6070



54.2546, 63.3189, 47.8991



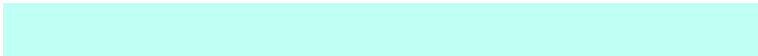
56.1915, 63.3189, 99.6679

Complementary

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



70.9887, 63.3189, 65.6070



73.6782, 89.1986, 98.1317

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.



52.2985, 63.3189, 88.0456



70.9887, 63.3189, 65.6070



51.2274, 63.3189, 57.8993

Square

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



70.9887, 63.3189, 65.6070



59.0061, 63.3189, 43.6273



50.5330, 63.3189, 72.3913



61.3748, 63.3189, 102.5387

Rectangle

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



70.9887, 63.3189, 65.6070



66.0221, 63.3189, 47.1572



50.5330, 63.3189, 72.3913



54.6982, 63.3189, 96.5792

Sweetspot

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



70.9902, 63.3217, 65.6083



87.3775, 88.2392, 95.2929



73.6568, 63.8703, 103.0538



18.5677, 18.6809, 20.1563



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

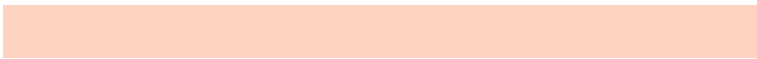
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.9902, 63.3217, 65.6083



66.8932, 57.1534, 57.9973



74.0256, 71.6071, 59.7928



18.1507, 18.0436, 19.4106



21.8736, 11.2387, 2.7191



2.1653, 1.1085, 0.4521

Inverse Universe

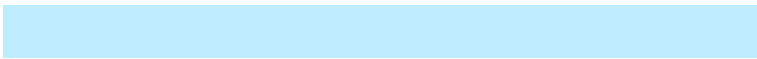
The Inverse Universe completely reimagines the original color for something new.



70.9902, 63.3217, 65.6083



66.8932, 57.1534, 57.9973



69.8146, 78.4769, 106.0757



18.1507, 18.0436, 19.4106



21.8736, 11.2387, 2.7191



2.1653, 1.1085, 0.4521

Previews

White Background



This preview shows how the XYZ color 70.9887, 63.3189, 65.6070 looks on a white background.

Color Contrast Check

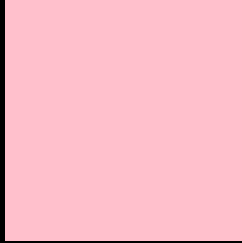
Large Text (above 18pt) WCAG AA × Fail

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 70.9887, 63.3189, 65.6070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

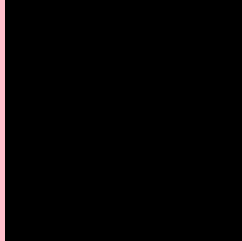
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.9887, 63.3189, 65.6070

Background



This preview shows how black text looks on a background with the XYZ color 70.9887, 63.3189, 65.6070.



This preview shows how white text looks on a background with the XYZ color 70.9887, 63.3189,

65.6070.

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

70.9887, 63.3189, 65.6070

Protanopia

61.4301, 63.7647, 72.0209

Deuteranopia

64.7362, 63.4943, 64.7208



Tritanopia

71.2302, 63.4155, 66.8787

Trichromacy



Original Color

70.9887, 63.3189, 65.6070

Protanomaly

64.4319, 63.2251, 69.7805

Deuteranomaly

66.9088, 63.2252, 65.1771

Tritanomaly

71.1091, 63.3671, 66.2408

Monochromacy



Original Color

70.9887, 63.3189, 65.6070

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

65.3349, 64.7601, 69.3780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9887, 63.3189, 65.6070 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, 192, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 204)  
}
```

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, 192, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 204) }
```

Border

The CSS property to change the border of an element to XYZ 70.9887, 63.3189, 65.6070 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, 192, 204) }
```


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

```
.border{ border-color:rgb(255, 192, 204) }
```

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

Here you see how a box with a 4 pixel rgb(255, 192, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9887, 63.3189, 65.6070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 204) }
```

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

```
.background{ background-color: rgb(255,  
192, 204) }
```

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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