

Converting Colors

XYZ(95.1405, 74.3852, 68.8359)

Have a look what the booklet for
XYZ(95.1405, 74.3852, 68.8359)
contains.

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Color

**XYZ(70.6084, 61.7805,
67.8779)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBCD0
RGB	255, 188, 208
RGB Percent	100%, 74%, 82%
CMY	0.0000, 0.2627, 0.1843
CMYK	0.00, 0.26, 0.18, 0.00
HSL	342°, 100%, 87%
HSV	342°, 26%, 100%
XYZ	70.6084, 61.7805, 67.8779
YIQ	210.3130, 33.5120, 20.4240

Conversions

Conversions Part 2

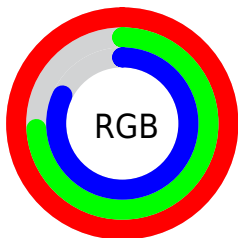
Format	Color
R _Y B	255, 188, 208
Decimal	16760016
CIE Lab	82.80, 26.99, -0.51
CIE LCh	83, 26.995, 358.911
Yxy	61.7805, 0.3526, 0.3085
Android (android.graphics.Color)	4294950096 (0xFFFFBCD0)
YUV	210.3130, -1.1403, 39.1905
Hunter-Lab	78.6006, 22.7990, 3.8187

Details

The XYZ color **70.6084, 61.7805, 67.8779** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.4966, 88.2106, 91.8590**, and the grayscale version is **61.4573, 64.6579, 70.4125**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **37.3838, 31.2536, 34.6341** is the 20% darker color. If you saturate the color by 10%, you get **63.5562, 51.0020, 55.2740**, and if you desaturate by 10%, it is **78.8742, 74.5885, 82.1127**.

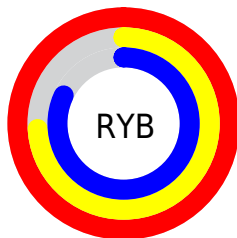
Distribution



Red (100%)

Green (74%)

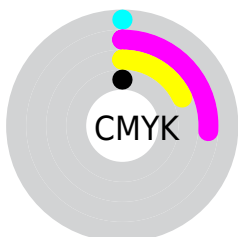
Blue (82%)



Red (100%)

Yellow (74%)

Blue (82%)

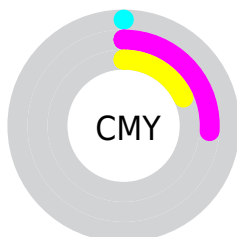


Cyan (0%)

Magenta (26%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (26%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.6084, 61.7805, 67.8779 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 70.6084, 61.7805, 67.8779 by changing the saturation by 10% instead.

 70.6084, 61.7805,
67.8779

 70.6084, 61.7805,
67.8779


451.9165,
431.1300, 471.6496

 52.3041, 44.8554,
49.3323


 119.0975,
107.4082, 117.8300

 37.4727, 31.3435,
34.5157


150.0130,
136.8796, 150.0736

 25.7491, 20.8606,
23.0095

185.8629,
171.3019, 187.7204

 16.7677, 13.0221,
14.3952

227.0126,
211.0594, 231.1888

 10.1633, 7.4438,
8.2541

273.8275,
256.5366, 280.8974

 5.5705, 3.7412,
4.1679

326.6729,

 2.6239, 1.5298,

308.1178, 337.2647

1.7179

385.9141,
366.1875, 400.7092

■ 0.9581, 0.3096,
0.3730

■ 0.0000, 0.0000,
0.0000

■ 70.6084, 61.7805,
67.8779

■ 70.6084, 61.7805,
67.8779

■ 63.5562, 51.0020,
55.2740

■ 78.8742, 74.5885,
82.1127

■ 57.6544, 42.1402,
44.2372

■ 88.4040, 89.5149,
98.0314

■ 52.8404, 35.0839,
34.7046

95.0500, 100.0000,
108.9000

■ 49.0439, 29.7068,
26.6076

■ 46.1856, 25.8663,
19.8715

■ 44.1738, 23.3955,
14.4139

■ 42.8959, 22.0875,
10.1410

■ 42.5483, 21.7833,
8.8192

Harmonies

Analogous

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



68.8124, 61.7805, 85.1712



70.6084, 61.7805, 67.8779



69.0485, 61.7805, 52.9608

Triad

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



70.6084, 61.7805, 67.8779



53.4854, 61.7805, 42.9765



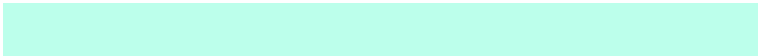
53.1408, 61.7805, 98.5424

Complementary

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



70.6084, 61.7805, 67.8779



71.4966, 88.2106, 91.8590

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.



49.4774, 61.7805, 83.9454



70.6084, 61.7805, 67.8779



49.6670, 61.7805, 52.0686

Square

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



70.6084, 61.7805, 67.8779



58.9329, 61.7805, 40.0911



48.2480, 61.7805, 66.6627



58.5086, 61.7805, 104.5793

Rectangle

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



70.6084, 61.7805, 67.8779



66.3700, 61.7805, 45.9282



48.2480, 61.7805, 66.6627



51.6826, 61.7805, 94.3672

Sweetspot

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



70.6099, 61.7832, 67.8792



86.6646, 86.7801, 95.1580



70.2631, 60.8345, 102.6467



18.2324, 18.0763, 19.8412



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.



70.6099, 61.7832, 67.8792



66.4251, 55.3667, 60.4636



71.2989, 66.8534, 56.7266



18.2324, 18.0763, 19.8412



22.2893, 11.4050, 4.9081



2.2159, 1.1287, 0.7184

Inverse Universe

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



70.6099, 61.7832, 67.8792



66.4251, 55.3667, 60.4636



70.4241, 81.1793, 106.5652



18.2324, 18.0763, 19.8412



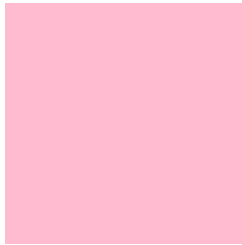
22.2893, 11.4050, 4.9081



2.2159, 1.1287, 0.7184

Previews

White Background



This preview shows how the XYZ color 70.6084, 61.7805, 67.8779 looks on a white background.

Color Contrast Check

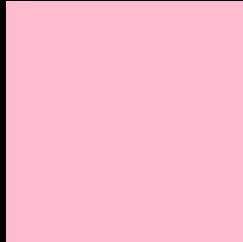
Large Text (above 18pt) WCAG AA × Fail

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 70.6084, 61.7805, 67.8779 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 70.6084, 61.7805, 67.8779

Background



This preview shows how black text looks on a background with the XYZ color 70.6084, 61.7805, 67.8779.



This preview shows how white text looks on a background with the XYZ color 70.6084, 61.7805,

67.8779.

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

70.6084, 61.7805, 67.8779

Protanopia

60.2183, 61.9900, 75.1211

Deuteranopia

63.1589, 61.9335, 67.0181



Tritanopia

69.8501, 61.7778, 64.7427

Trichromacy



Original Color

70.6084, 61.7805, 67.8779

Protanomaly

63.3015, 61.5492, 72.1622

Deuteranomaly

65.9275, 61.9894, 67.5219

Tritanomaly

70.0901, 61.8738, 66.0063

Monochromacy



Original Color

70.6084, 61.7805, 67.8779

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.9932, 63.0133, 69.1116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6084, 61.7805, 67.8779 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, 188, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 208)  
}
```

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, 188, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 208) }
```

Border

The CSS property to change the border of an element to XYZ 70.6084, 61.7805, 67.8779 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, 188, 208) }
```


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

```
.border{ border-color:rgb(255, 188, 208) }
```

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

Here you see how a box with a 4 pixel rgb(255, 188, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6084, 61.7805, 67.8779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 208) }
```

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

```
.background{ background-color: rgb(255,  
188, 208) }
```

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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