

Converting Colors

XYZ(90.8828, 76.4081, 62.7417)

Have a look what the booklet for
XYZ(90.8828, 76.4081, 62.7417)
contains.

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Color

**XYZ(71.9723, 66.5998,
61.8850)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC8C5
RGB	255, 200, 197
RGB Percent	100%, 78%, 77%
CMY	0.0000, 0.2157, 0.2274
CMYK	0.00, 0.22, 0.23, 0.00
HSL	3°, 100%, 89%
HSV	3°, 23%, 100%
XYZ	71.9723, 66.5998, 61.8850
YIQ	216.1030, 33.7430, 10.7270

Conversions

Conversions Part 2

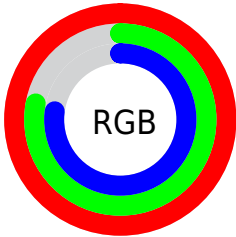
Format	Color
R _Y B	255, 200, 197
Decimal	16763077
CIE Lab	85.30, 19.09, 8.99
CIE LCh	85, 21.102, 25.215
Yxy	66.5998, 0.3590, 0.3322
Android (android.graphics.Color)	4294953157 (0xFFFFC8C5)
YUV	216.1030, -9.4178, 34.1127
Hunter-Lab	81.6087, 14.6074, 12.1657

Details

The XYZ color **71.9723, 66.5998, 61.8850** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.8852, 88.7082, 107.7306**, and the grayscale version is **65.3879, 68.7932, 74.9158**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **38.2628, 34.4113, 30.6120** is the 20% darker color. If you saturate the color by 10%, you get **64.1301, 55.2025, 46.0543**, and if you desaturate by 10%, it is **81.1976, 79.9718, 80.6166**.

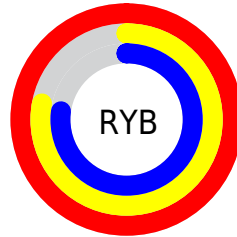
Distribution



Red (100%)

Green (78%)

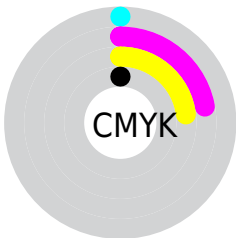
Blue (77%)



Red (100%)

Yellow (78%)

Blue (77%)

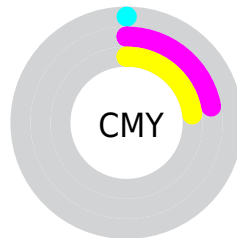


Cyan (0%)

Magenta (22%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.9723, 66.5998, 61.8850 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 71.9723, 66.5998, 61.8850 by changing the saturation by 10% instead.


 71.9723, 66.5998,
61.8850

 71.9723, 66.5998,
61.8850


456.6043,
448.5189, 449.5076

 53.4214, 48.7595,
44.5046


121.0282,
114.3468, 109.1293

 38.3681, 34.4287,
30.7273

152.2639,
145.0222, 139.8303

 26.4470, 23.2231,
20.1346


188.4586,
180.7448, 175.8085

 17.2928, 14.7584,
12.3078

229.9776,
221.8989, 217.4825

 10.5401, 8.6500,
6.8286

277.1863,
268.8690, 265.2709

 5.8235, 4.5136,
3.2783

330.4501,

 2.7777, 1.9648,

322.0395, 319.5922

1.2384

390.1343,
381.7946, 380.8649

■ 1.0373, 0.5869,
0.0105

■ 0.0000, 0.0000,
0.0000

■ 71.9723, 66.5998,
61.8850

■ 71.9723, 66.5998,
61.8850

■ 64.1301, 55.2025,
46.0543

■ 81.1976, 79.9718,
80.6166

■ 57.5997, 45.6780,
32.9756

■ 91.8629, 95.3963,
102.3797

■ 52.3109, 37.9287,
22.4931

95.0500, 100.0000,
108.9000

■ 48.1849, 31.8448,
14.4338

■ 45.1339, 27.3041,
8.6036

■ 43.0577, 24.1679,
4.7785

■ 41.8369, 22.2725,
2.6880

■ 41.3866, 21.5533,
1.9789

Harmonies

Analogous

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



72.8940, 66.5998, 74.7303



71.9723, 66.5998, 61.8850



68.6824, 66.5998, 53.0004

Triad

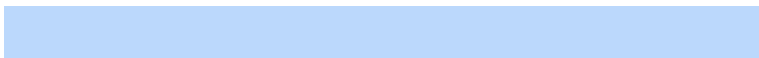
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.9723, 66.5998, 61.8850



56.0589, 66.5998, 58.5312



62.5387, 66.5998, 101.9875

Complementary

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



71.9723, 66.5998, 61.8850



75.8852, 88.7082, 107.7306

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.



58.2085, 66.5998, 96.3152



71.9723, 66.5998, 61.8850



54.5891, 66.5998, 70.3456

Square

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



71.9723, 66.5998, 61.8850



59.4713, 66.5998, 51.2415



55.3560, 66.5998, 84.2994



67.2919, 66.5998, 98.9885

Rectangle

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



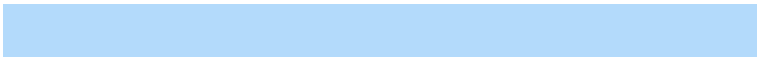
71.9723, 66.5998, 61.8850



65.6720, 66.5998, 49.9558



55.3560, 66.5998, 84.2994



60.9879, 66.5998, 101.0133

Sweetspot

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



71.9740, 66.6028, 61.8864



87.1443, 88.5758, 92.7396



78.7931, 68.2278, 101.1951



18.5139, 18.7584, 19.5672



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

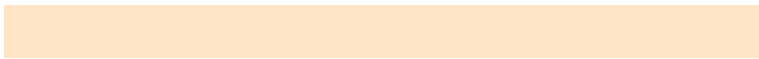
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.9740, 66.6028, 61.8864



68.4711, 61.5161, 54.8030



79.3100, 81.2749, 64.3317



18.0849, 18.1379, 18.6921



21.6563, 11.3239, 1.0443



2.1340, 1.1533, 0.1101

Inverse Universe

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



75.8852, 88.7082, 107.7306



72.9687, 86.9430, 107.5436



67.4909, 71.9197, 104.9325



18.4695, 20.3106, 23.1968



26.0249, 36.9593, 55.1968



2.5577, 3.6461, 5.3822

Previews

White Background



This preview shows how the XYZ color 71.9723, 66.5998, 61.8850 looks on a white background.

Color Contrast Check

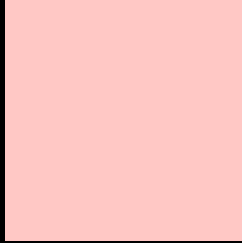
Large Text (above 18pt) WCAG AA × Fail

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 71.9723, 66.5998, 61.8850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

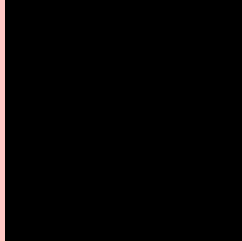
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.9723, 66.5998, 61.8850

Background



This preview shows how black text looks on a background with the XYZ color 71.9723, 66.5998, 61.8850.



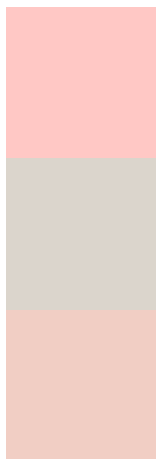
This preview shows how white text looks on a background with the XYZ color 71.9723, 66.5998,

61.8850.

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

71.9723, 66.5998, 61.8850

Protanopia

63.9068, 67.0082, 66.6924

Deuteranopia

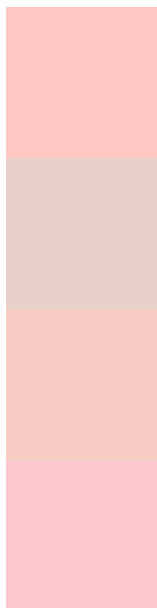
68.3107, 66.8289, 61.5235



Tritanopia

73.4443, 66.4523, 71.9064

Trichromacy



Original Color

71.9723, 66.5998, 61.8850

Protanomaly

66.3772, 66.4846, 64.5927

Deuteranomaly

69.5627, 66.7641, 61.4450

Tritanomaly

72.9259, 66.6118, 68.0452

Monochromacy



Original Color

71.9723, 66.5998, 61.8850

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.1883, 67.5196, 69.8130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9723, 66.5998, 61.8850 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, 200, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 197)  
}
```

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, 200, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 197) }
```

Border

The CSS property to change the border of an element to XYZ 71.9723, 66.5998, 61.8850 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, 200, 197) }
```


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

```
.border{ border-color:rgb(255, 200, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9723, 66.5998, 61.8850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 197) }
```

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

```
.background{ background-color: rgb(255,  
200, 197) }
```

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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