

Converting Colors

XYZ(70.7973, 66.1695, 61.5066)

Have a look what the booklet for
XYZ(70.7973, 66.1695, 61.5066)
contains.

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Color

**XYZ(70.7630, 65.9895,
61.2322)**

Conversions

Conversions Part 1

Format	Color
Hex	FCC8C4
RGB	252, 200, 196
RGB Percent	99%, 78%, 77%
CMY	0.0118, 0.2157, 0.2314
CMYK	0.00, 0.21, 0.22, 0.01
HSL	4°, 90%, 88%
HSV	4°, 22%, 99%
XYZ	70.7630, 65.9895, 61.2322
YIQ	215.0920, 32.2760, 9.7800

Conversions

Conversions Part 2

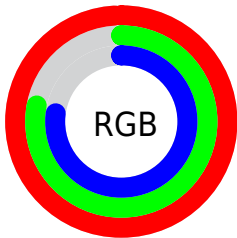
Format	Color
RYP	252, 200, 196
Decimal	16566468
CIELab	84.99, 17.86, 9.04
CIElCh	85, 20.019, 26.842
Yxy	65.9895, 0.3574, 0.3333
Android (android.graphics.Color)	4294756548 (0xFFFCC8C4)
YUV	215.0920, -9.4124, 32.3683
Hunter-Lab	81.2339, 13.3323, 12.1724

Details

The XYZ color **70.7630, 65.9895, 61.2322** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.9023, 85.8967, 104.7807**, and the grayscale version is **64.7015, 68.0711, 74.1294**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **37.6670, 34.1129, 30.1904** is the 20% darker color. If you saturate the color by 10%, you get **63.1217, 54.9180, 45.7023**, and if you desaturate by 10%, it is **79.7189, 78.9183, 79.5786**.

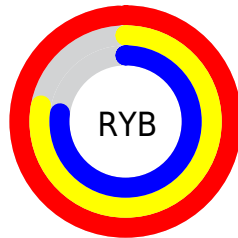
Distribution



Red (99%)

Green (78%)

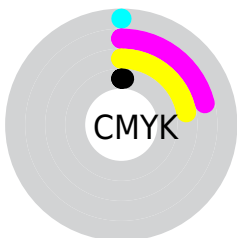
Blue (77%)



Red (99%)

Yellow (78%)

Blue (77%)

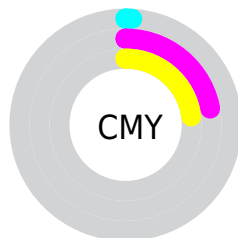


Cyan (0%)

Magenta (21%)

Yellow (22%)

Black (1%)



Cyan (1%)


Magenta (22%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.7630, 65.9895, 61.2322 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 70.7630, 65.9895, 61.2322 by changing the saturation by 10% instead.

 70.7630, 65.9895,
61.2322

 70.7630, 65.9895,
61.2322


452.4493,
446.3393, 447.0550

 52.4306, 48.2639,
43.9808


119.3166,
113.4713, 108.1759

 37.5741, 34.0359,
30.3183


150.2685,
143.9962, 138.7052

 25.8280, 22.9212,
19.8262


186.1576,
179.5564, 174.4977

 16.8270, 14.5353,
12.0860


227.3493,
220.5361, 215.9718

 10.2058, 8.4939,
6.6790

274.2090,
267.3199, 263.5460

 5.5989, 4.4126,
3.1868

327.1020,

 2.6411, 1.9069,

320.2921, 317.6389

1.1908

386.3936,
379.8371, 378.6690

0.9669, 0.5525,
0.0000

0.0000, 0.0000,
0.0000

70.7630, 65.9895,
61.2322

70.7630, 65.9895,
61.2322

63.1217, 54.9180,
45.7023

79.7189, 78.9183,
79.5786

56.7281, 45.6098,
32.8455

90.0417, 93.7746,
100.8669

51.5174, 37.9767,
22.5122

93.9551, 99.4356,
108.8488

47.4167, 31.9191,
14.5364

■ 44.3452, 27.3268,
8.7319

■ 42.2109, 24.0754,
4.8848

■ 40.9054, 22.0198,
2.7376

■ 40.3618, 21.1289,
1.9510

Harmonies

Analogous

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



71.7639, 65.9895, 73.2251



70.7630, 65.9895, 61.2322



67.5739, 65.9895, 53.0374

Triad

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



70.7630, 65.9895, 61.2322



55.7522, 65.9895, 59.1314



62.2456, 65.9895, 99.5450

Complementary

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



70.7630, 65.9895, 61.2322



73.9023, 85.8967, 104.7807

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.



58.1063, 65.9895, 94.6590



70.7630, 65.9895, 61.2322



54.4717, 65.9895, 70.4949

Square

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



70.7630, 65.9895, 61.2322



58.8944, 65.9895, 51.9302



55.3127, 65.9895, 83.6323



66.7100, 65.9895, 96.3090

Rectangle

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



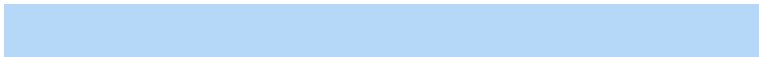
70.7630, 65.9895, 61.2322



64.7115, 65.9895, 50.3206



55.3127, 65.9895, 83.6323



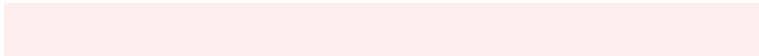
60.7718, 65.9895, 98.7852

Sweetspot

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



70.7648, 65.9925, 61.2336



87.2468, 88.7809, 92.7737



76.8702, 66.9700, 97.8996



18.5375, 18.8057, 19.5751



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.



70.7648, 65.9925, 61.2336



68.7657, 62.1052, 54.9012



77.7795, 80.0219, 63.5718



17.3443, 17.4244, 17.9115



21.0622, 11.0811, 1.0288



1.9843, 1.0935, 0.1065

Inverse Universe

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



73.9023, 85.8967, 104.7807



72.5455, 86.0966, 107.4025



65.9997, 70.0914, 102.1465



17.6533, 19.3835, 22.1963



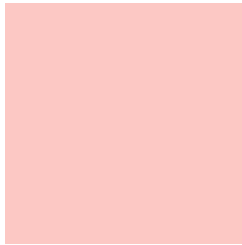
24.5228, 34.4012, 53.3212



2.3021, 3.2479, 4.9488

Previews

White Background



This preview shows how the XYZ color 70.7630, 65.9895, 61.2322 looks on a white background.

Color Contrast Check

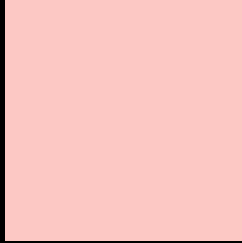
Large Text (above 18pt) WCAG AA × Fail

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 70.7630, 65.9895, 61.2322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

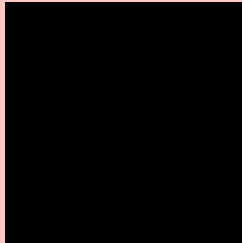
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.7630, 65.9895, 61.2322

Background



This preview shows how black text looks on a background with the XYZ color 70.7630, 65.9895, 61.2322.



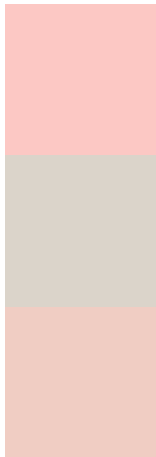
This preview shows how white text looks on a background with the XYZ color 70.7630, 65.9895,

61.2322.

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

70.7630, 65.9895, 61.2322

Protanopia

63.4176, 66.4113, 65.3533

Deuteranopia

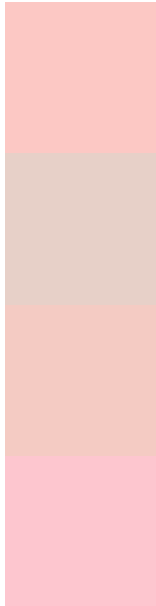
67.6168, 66.1280, 60.8300



Tritanopia

72.8495, 65.8074, 71.8133

Trichromacy



Original Color

70.7630, 65.9895, 61.2322

Protanomaly

65.9362, 66.2708, 63.9599

Deuteranomaly

68.5145, 65.8851, 60.7358

Tritanomaly

71.9646, 65.7758, 67.9345

Monochromacy



Original Color

70.7630, 65.9895, 61.2322

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.4267, 67.1412, 69.1330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7630, 65.9895, 61.2322 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(252, 200, 196)` looks like.

```
.text, #text, p{  
    color:rgb(252, 200, 196)  
}
```

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(252, 200, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 200, 196) }
```

Border

The CSS property to change the border of an element to XYZ 70.7630, 65.9895, 61.2322 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(252, 200, 196) }
```


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

```
.border{ border-color:rgb(252, 200, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 200, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 200, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 200, 196);  
box-shadow:4px 4px 4px 4px rgb(252, 200,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7630, 65.9895, 61.2322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 200, 196) }
```

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

```
.background{ background-color: rgb(252,  
200, 196) }
```

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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