

Converting Colors

XYZ(70.3070, 68.9535, 61.2335)

Have a look what the booklet for XYZ(70.3070, 68.9535, 61.2335) contains.

- XYZ(70.3070, 68.9535, 61.2335) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**XYZ(70.3070, 68.9535,
61.2335)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D1C3
RGB	245, 209, 195
RGB Percent	96%, 82%, 76%
CMY	0.0392, 0.1804, 0.2353
CMYK	0.00, 0.15, 0.20, 0.04
HSL	17°, 71%, 86%
HSV	17°, 20%, 96%
XYZ	70.3070, 68.9535, 61.2335
YIQ	218.1680, 25.9500, 3.2780

Conversions

Conversions Part 2

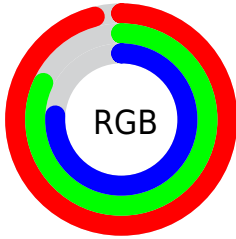
Format	Color
R _Y B	245, 214, 195
Decimal	16110019
CIE Lab	86.48, 10.46, 11.61
CIE LCh	86, 15.627, 47.964
Yxy	68.9535, 0.3507, 0.3439
Android (android.graphics.Color)	4294300099 (0xFFF5D1C3)
YUV	218.1680, -11.4218, 23.5317
Hunter-Lab	83.0382, 5.8158, 14.4055

Details

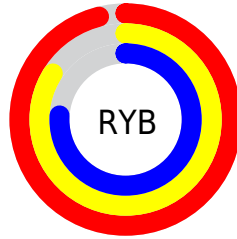
The XYZ color **70.3070, 68.9535, 61.2335** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.5625, 75.3447, 97.3689**, and the grayscale version is **66.8218, 70.3017, 76.5585**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **37.2681, 36.0571, 30.1948** is the 20% darker color. If you saturate the color by 10%, you get **63.6709, 59.7563, 46.4577**, and if you desaturate by 10%, it is **77.8805, 79.2970, 78.5657**.

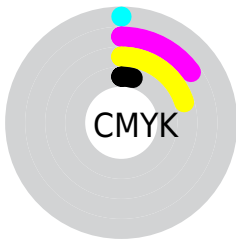
Distribution



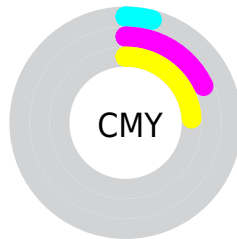
- Red (96%)
- Green (82%)
- Blue (76%)



- Red (96%)
- Yellow (84%)
- Blue (76%)



- Cyan (0%)
- Magenta (15%)
- Yellow (20%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.3070, 68.9535, 61.2335 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 70.3070, 68.9535, 61.2335 by changing the saturation by 10% instead.


 70.3070, 68.9535,
61.2335

 70.3070, 68.9535,
61.2335


450.8768,
456.8670, 447.0599

 52.0574, 50.6738,
43.9819


118.6703,
117.7152, 108.1778

 37.2752, 35.9491,
30.3192


149.5147,
148.9659, 138.7075

 25.5953, 24.3949,
19.8269


185.2881,
185.3092, 174.5003

 16.6522, 15.6268,
12.0864

226.3558,
227.1294, 215.9748

 10.0806, 9.2605,
6.6793

273.0831,
274.8109, 263.5494

 5.5151, 4.9115,
3.1870

325.8355,

 2.5904, 2.1954,

328.7380, 317.6428

1.1909

384.9783,
389.2953, 378.6734

0.9411, 0.7175,
0.0000

0.0000, 0.0000,
0.0000

70.3070, 68.9535,
61.2335

70.3070, 68.9535,
61.2335

63.6709, 59.7563,
46.4577

77.8805, 79.2970,
78.5657

57.9289, 51.6559,
34.1121

86.4213, 90.8153,
98.5635

53.0425, 44.6134,
24.0664

91.4665, 98.1526,
108.7323

48.9680, 38.5834,
16.1760

■ 45.6577, 33.5173,
10.2800

■ 43.0580, 29.3622,
6.1945

■ 41.1074, 26.0590,
3.7005

■ 39.7614, 23.6226,
2.4640

Harmonies

Analogous

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



72.3801, 68.9535, 69.1006



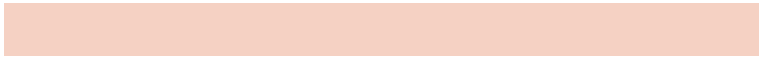
70.3070, 68.9535, 61.2335



66.9994, 68.9535, 57.2323

Triad

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



70.3070, 68.9535, 61.2335



58.9680, 68.9535, 71.0008



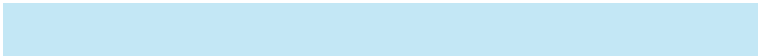
67.7071, 68.9535, 95.6674

Complementary

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



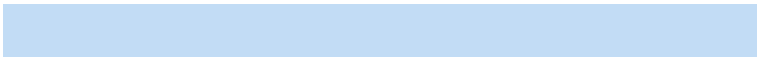
70.3070, 68.9535, 61.2335



67.5625, 75.3447, 97.3689

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.



64.0985, 68.9535, 96.2955



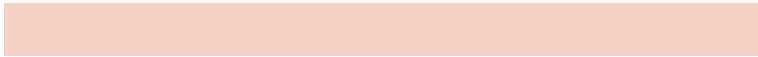
70.3070, 68.9535, 61.2335



59.1417, 68.9535, 81.3918

Square

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



70.3070, 68.9535, 61.2335



60.5065, 68.9535, 62.5141



60.9901, 68.9535, 90.8677



70.8414, 68.9535, 89.2231

Rectangle

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



70.3070, 68.9535, 61.2335



64.5792, 68.9535, 57.0275



60.9901, 68.9535, 90.8677



66.5067, 68.9535, 96.5859

Sweetspot

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



70.3089, 68.9566, 61.2349



89.2699, 92.2260, 95.3010



71.6902, 64.2508, 84.7198



18.9778, 19.5652, 20.0955



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.



70.3089, 68.9566, 61.2349



74.2349, 71.7056, 60.8492



76.7406, 81.8201, 63.3789



16.8770, 17.2381, 17.2353



21.5204, 12.9263, 1.3608



1.9746, 1.3025, 0.1473

Inverse Universe

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



67.5625, 75.3447, 97.3689



70.7802, 79.7295, 106.2666



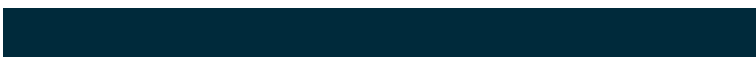
61.2201, 62.6599, 95.2547



16.5815, 17.9273, 21.1289



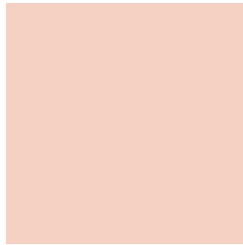
17.4055, 20.6048, 49.5978



1.6163, 1.9839, 4.3880

Previews

White Background



This preview shows how the XYZ color 70.3070, 68.9535, 61.2335 looks on a white background.

Color Contrast Check

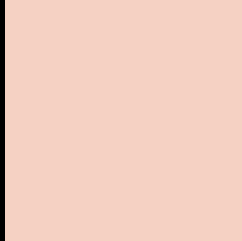
Large Text (above 18pt) WCAG AA × Fail

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 70.3070, 68.9535, 61.2335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

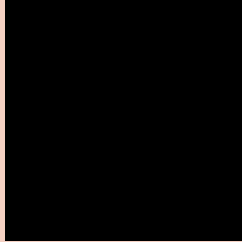
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.3070, 68.9535, 61.2335

Background



This preview shows how black text looks on a background with the XYZ color 70.3070, 68.9535, 61.2335.



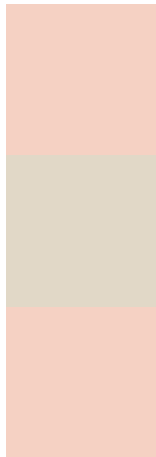
This preview shows how white text looks on a background with the XYZ color 70.3070, 68.9535,

61.2335.

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

70.3070, 68.9535, 61.2335

Protanopia

65.9160, 69.2428, 63.9239

Deuteranopia

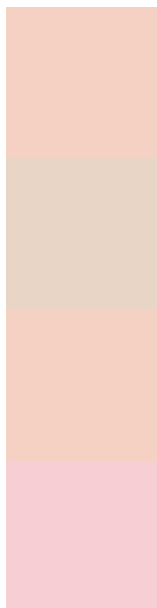
70.3070, 68.9535, 61.2335



Tritanopia

73.5939, 68.8396, 77.8152

Trichromacy



Original Color

70.3070, 68.9535, 61.2335

Protanomaly

67.2660, 68.8215, 63.1647

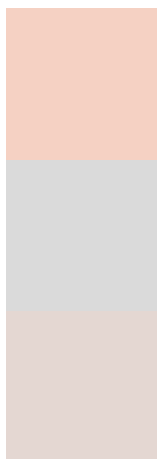
Deuteranomaly

70.3070, 68.9535, 61.2335

Tritanomaly

72.3127, 68.6702, 71.7307

Monochromacy



Original Color

70.3070, 68.9535, 61.2335

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.9282, 69.7480, 70.8553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3070, 68.9535, 61.2335 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(245, 209, 195)` looks like.

```
.text, #text, p{  
    color:rgb(245, 209, 195)  
}
```

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(245, 209, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 209, 195) }
```

Border

The CSS property to change the border of an element to XYZ 70.3070, 68.9535, 61.2335 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(245, 209, 195) }
```


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

```
.border{ border-color:rgb(245, 209, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 209, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 209, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 209, 195);  
box-shadow:4px 4px 4px 4px rgb(245, 209,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3070, 68.9535, 61.2335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 209, 195) }
```

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

```
.background{ background-color: rgb(245,  
209, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor