

Converting Colors

XYZ(70.4279, 68.9312, 66.7198)

Have a look what the booklet for
XYZ(70.4279, 68.9312, 66.7198)
contains.

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Color

**XYZ(70.3175, 68.8378,
66.7076)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F2D1CC |
| RGB | 242, 209, 204 |
| RGB Percent | 95%, 82%, 80% |
| CMY | 0.0510, 0.1804, 0.2000 |
| CMYK | 0.00, 0.14, 0.16, 0.05 |
| HSL | 8°, 59%, 87% |
| HSV | 8°, 16%, 95% |
| XYZ | 70.3175, 68.8378, 66.7076 |
| YIQ | 218.2970, 21.2730, 5.4410 |

Conversions

Conversions Part 2

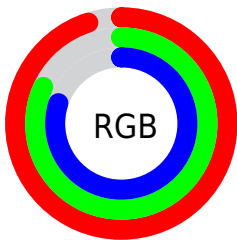
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 242, 210, 204 |
| Decimal | 15913420 |
| CIE Lab | 86.42, 10.73, 6.73 |
| CIE LCh | 86, 12.668, 32.081 |
| Yxy | 68.8378, 0.3416, 0.3344 |
| Android (android.graphics.Color) | 4294103500 (0xFFFF2D1CC) |
| YUV | 218.2970, -7.0484, 20.7875 |
| Hunter-Lab | 82.9685, 6.0874, 10.4082 |

Details

The XYZ color **70.3175, 68.8378, 66.7076** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.2125, 79.8148, 95.6576**, and the grayscale version is **66.8839, 70.3671, 76.6297**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4761, 36.0838, 33.8438** is the 20% darker color. If you saturate the color by 10%, you get **62.8179, 58.1280, 50.9830**, and if you desaturate by 10%, it is **78.9519, 81.0942, 85.0371**.

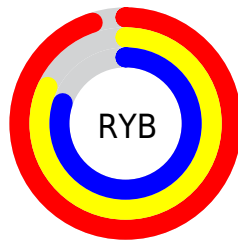
Distribution



Red (95%)

Green (82%)

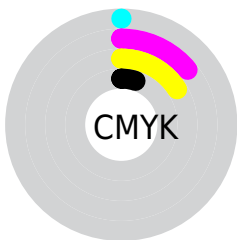
Blue (80%)



Red (95%)

Yellow (82%)

Blue (80%)

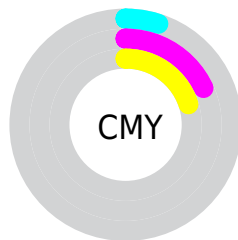


Cyan (0%)

Magenta (14%)

Yellow (16%)

Black (5%)



Cyan (5%)

Magenta (18%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.3175, 68.8378, 66.7076 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 70.3175, 68.8378, 66.7076 by changing the saturation by 10% instead.


 70.3175, 68.8378,
66.7076

 70.3175, 68.8378,
66.7076

450.9131,
456.4587, 467.3764

 52.0659, 50.5796,
48.3869

118.6852,
117.5499, 116.1380

 37.2821, 35.8742,
33.7712


149.5321,
148.7726, 148.0848

 25.6007, 24.3370,
22.4420


185.3081,
185.0856, 185.4108

 16.6563, 15.5838,
13.9806

226.3787,
226.8732, 228.5344

 10.0835, 9.2301,
7.9686

273.1091,
274.5200, 277.8742

 5.5170, 4.8916,
3.9874

325.8647,

 2.5915, 2.1838,

328.4102, 333.8488

1.6184

385.0109,
388.9283, 396.8767

■ 0.9416, 0.7111,
0.3039

■ 0.0000, 0.0000,
0.0000

■ 70.3175, 68.8378,
66.7076

■ 70.3175, 68.8378,
66.7076

■ 62.8179, 58.1280,
50.9830

■ 78.9519, 81.0942,
85.0371

■ 56.4003, 48.8942,
37.7407

■ 88.7598, 94.9455,
106.0777

■ 51.0160, 41.0745,
26.8549

■ 90.4282, 97.6174,
108.6837

■ 46.6104, 34.5987,
18.1870

■ 43.1240, 29.3906,
11.5839

■ 40.4902, 25.3665,
6.8728

■ 38.6337, 22.4324,
3.8529

■ 37.4648, 20.4793,
2.2770

■ 37.1313, 19.9035,
1.8847

Harmonies

Analogous

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



71.2199, 68.8378, 74.3684



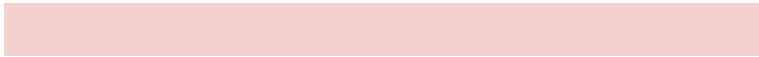
70.3175, 68.8378, 66.7076



68.1010, 68.8378, 61.5838

Triad

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



70.3175, 68.8378, 66.7076



60.5766, 68.8378, 67.6508



65.6330, 68.8378, 92.2559

Complementary

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



70.3175, 68.8378, 66.7076



71.2125, 79.8148, 95.6576

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.



62.8264, 68.8378, 90.1285



70.3175, 68.8378, 66.7076



59.9595, 68.8378, 75.5400

Square

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



70.3175, 68.8378, 66.7076



62.4822, 68.8378, 62.0992



60.7711, 68.8378, 83.8506



68.4656, 68.8378, 89.4677

Rectangle

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



70.3175, 68.8378, 66.7076



66.2073, 68.8378, 60.0841



60.7711, 68.8378, 83.8506



64.6554, 68.8378, 92.0916

Sweetspot

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



70.3194, 68.8409, 66.7090



89.6340, 92.3446, 97.3015



73.5806, 68.2115, 89.8442



19.0282, 19.5431, 20.4909



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.



70.3194, 68.8409, 66.7090



76.2243, 73.2966, 68.8737



75.1056, 78.4132, 68.3044



15.9406, 16.0943, 16.4161



20.0018, 10.8017, 1.0307



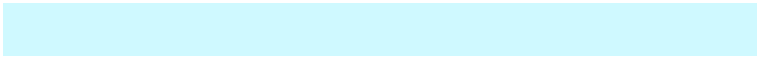
1.7167, 1.0040, 0.1033

Inverse Universe

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



71.2125, 79.8148, 95.6576



77.4147, 87.9369, 107.5011



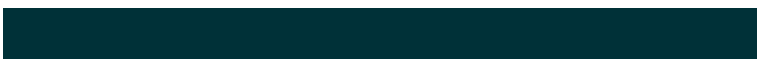
66.1483, 69.6863, 93.9695



16.0595, 17.5530, 20.2633



21.0804, 28.3851, 49.4957



1.8026, 2.4591, 4.1339

Previews

White Background



This preview shows how the XYZ color 70.3175, 68.8378, 66.7076 looks on a white background.

Color Contrast Check

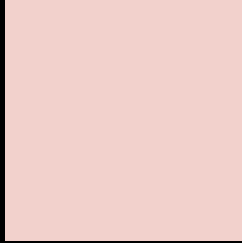
Large Text (above 18pt) WCAG AA × Fail

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 70.3175, 68.8378, 66.7076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

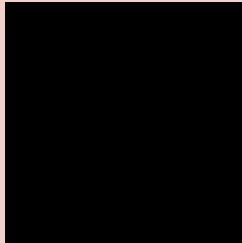
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.3175, 68.8378, 66.7076

Background



This preview shows how black text looks on a background with the XYZ color 70.3175, 68.8378, 66.7076.



This preview shows how white text looks on a background with the XYZ color 70.3175, 68.8378,

66.7076.

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

70.3175, 68.8378, 66.7076

Protanopia

66.0652, 69.1954, 69.5485

Deuteranopia

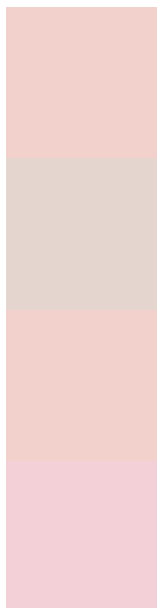
70.3175, 68.8378, 66.7076



Tritanopia

72.5643, 68.6496, 78.5334

Trichromacy



Original Color

70.3175, 68.8378, 66.7076

Protanomaly

67.3698, 68.7515, 68.7511

Deuteranomaly

70.3175, 68.8378, 66.7076

Tritanomaly

71.5407, 68.5866, 73.7579

Monochromacy



Original Color

70.3175, 68.8378, 66.7076

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.9892, 69.7359, 72.8277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3175, 68.8378, 66.7076 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(242, 209, 204)` looks like.

```
.text, #text, p{  
    color:rgb(242, 209, 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(242, 209, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 209, 204) }
```

Border

The CSS property to change the border of an element to XYZ 70.3175, 68.8378, 66.7076 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(242, 209, 204) }
```


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

```
.border{ border-color:rgb(242, 209, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 209, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 209, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 209, 204);  
box-shadow:4px 4px 4px 4px rgb(242, 209,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3175, 68.8378, 66.7076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 209, 204) }
```

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

```
.background{ background-color: rgb(242,  
209, 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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