

Converting Colors

XYZ(70.3442, 68.8102, 68.6042)

Have a look what the booklet for
XYZ(70.3442, 68.8102, 68.6042)
contains.

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Color

**XYZ(70.3386, 68.8067,
68.6053)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D1CF
RGB	241, 209, 207
RGB Percent	95%, 82%, 81%
CMY	0.0549, 0.1804, 0.1882
CMYK	0.00, 0.13, 0.14, 0.05
HSL	4°, 55%, 88%
HSV	4°, 14%, 95%
XYZ	70.3386, 68.8067, 68.6053
YIQ	218.3400, 19.7140, 6.1620

Conversions

Conversions Part 2

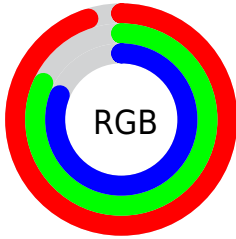
Format	Color
R _Y B	241, 209, 207
Decimal	15847887
CIE Lab	86.41, 10.85, 5.11
CIE LCh	86, 11.987, 25.211
Yxy	68.8067, 0.3386, 0.3312
Android (android.graphics.Color)	4294037967 (0xFFFF1D1CF)
YUV	218.3400, -5.5906, 19.8728
Hunter-Lab	82.9498, 6.1997, 9.0279

Details

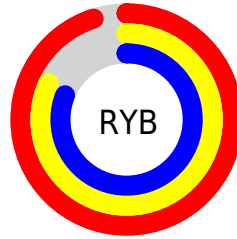
The XYZ color **70.3386, 68.8067, 68.6053** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.4754, 81.3476, 95.1016**, and the grayscale version is **66.9046, 70.3889, 76.6535**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4787, 36.0569, 35.1213** is the 20% darker color. If you saturate the color by 10%, you get **62.4407, 57.3712, 52.5288**, and if you desaturate by 10%, it is **79.4822, 82.0124, 87.3174**.

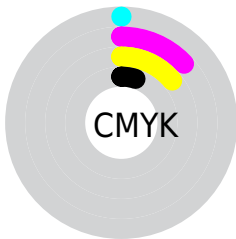
Distribution



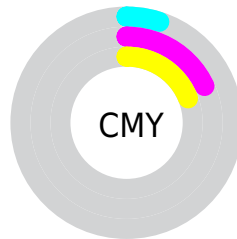
- Red (95%)
- Green (82%)
- Blue (81%)



- Red (95%)
- Yellow (82%)
- Blue (81%)



- Cyan (0%)
- Magenta (13%)
- Yellow (14%)
- Black (5%)



- Cyan (5%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.3386, 68.8067, 68.6053 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 70.3386, 68.8067, 68.6053 by changing the saturation by 10% instead.

70.3386, 68.8067,
68.6053

70.3386, 68.8067,
68.6053

450.9859,
456.3489, 474.2938

52.0832, 50.5543,
49.9206

118.7151,
117.5054, 118.8800

37.2959, 35.8540,
34.9796

149.5670,
148.7206, 151.3071

25.6114, 24.3215,
23.3637

185.3484,
185.0254, 189.1521

16.6643, 15.5723,
14.6545

226.4247,
226.8043, 232.8335

10.0893, 9.2220,
8.4333

273.1612,
274.4418, 282.7698

5.5209, 4.8863,
4.2817

325.9234,

2.5939, 2.1807,

328.3221, 339.3796

1.7811

385.0765,
388.8297, 403.0814

■ 0.9428, 0.7094,
0.4155

■ 0.0000, 0.0000,
0.0000

■ 70.3386, 68.8067,
68.6053

■ 70.3386, 68.8067,
68.6053

■ 62.4407, 57.3712,
52.5288

■ 79.4822, 82.0124,
87.3174

■ 55.7291, 47.6220,
38.9653

■ 89.8836, 97.0362,
108.6002

■ 50.1482, 39.4820,
27.7892

■ 90.0859, 97.4409,
108.6677

■ 45.6357, 32.8647,
18.8623

■ 42.1232, 27.6754,
12.0321

■ 39.5344, 23.8090,
7.1272

■ 37.7820, 21.1455,
3.9494

■ 36.7617, 19.5435,
2.2574

■ 36.4358, 19.0206,
1.7510

Harmonies

Analogous

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



70.8531, 68.8067, 76.1999



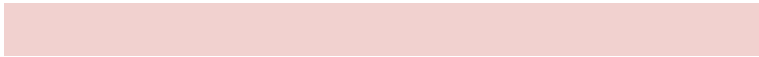
70.3386, 68.8067, 68.6053



68.4860, 68.8067, 63.0729

Triad

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



70.3386, 68.8067, 68.6053



61.1199, 68.8067, 66.5456



64.9549, 68.8067, 91.1765

Complementary

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



70.3386, 68.8067, 68.6053



72.4754, 81.3476, 95.1016

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.



62.4056, 68.8067, 88.1621



70.3386, 68.8067, 68.6053



60.2317, 68.8067, 73.6521

Square

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



70.3386, 68.8067, 68.6053



63.1554, 68.8067, 61.9439



60.6957, 68.8067, 81.6082



67.6945, 68.8067, 89.5897

Rectangle

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



70.3386, 68.8067, 68.6053



66.7682, 68.8067, 61.1125



60.6957, 68.8067, 81.6082



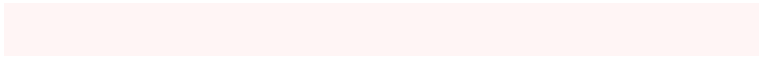
64.0481, 68.8067, 90.6620

Sweetspot

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



70.3405, 68.8098, 68.6068



90.4648, 93.3882, 99.4839



74.2136, 69.5771, 91.4129



19.1843, 19.7308, 20.9267



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

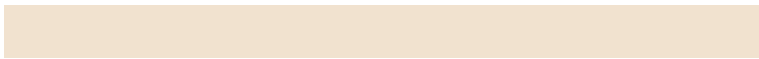
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.3405, 68.8098, 68.6068



77.1781, 74.1930, 72.3091



74.6538, 77.4364, 70.0445



15.8476, 15.9083, 16.3851



19.7891, 10.3763, 0.9598



1.6724, 0.9154, 0.0886

Inverse Universe

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



72.4754, 81.3476, 95.1016



80.0508, 91.0654, 107.9660



67.8113, 72.0193, 93.5469



16.1629, 17.7599, 20.2977



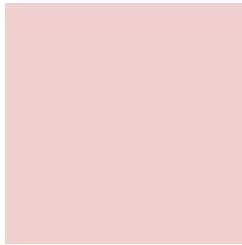
23.5107, 33.2456, 50.3058



1.9799, 2.8139, 4.1930

Previews

White Background



This preview shows how the XYZ color 70.3386, 68.8067, 68.6053 looks on a white background.

Color Contrast Check

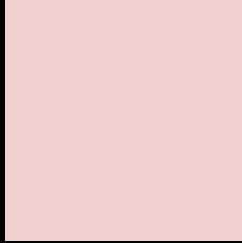
Large Text (above 18pt) WCAG AA × Fail

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 70.3386, 68.8067, 68.6053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

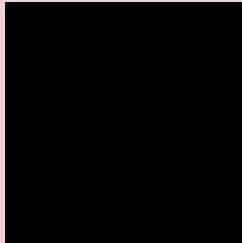
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.3386, 68.8067, 68.6053

Background



This preview shows how black text looks on a background with the XYZ color 70.3386, 68.8067, 68.6053.



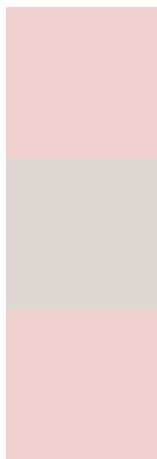
This preview shows how white text looks on a background with the XYZ color 70.3386, 68.8067,

68.6053.

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

70.3386, 68.8067, 68.6053

Protanopia

66.1825, 68.8336, 71.4260

Deuteranopia

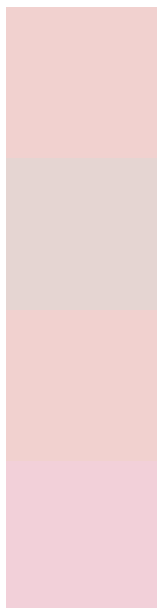
70.3386, 68.8067, 68.6053



Tritanopia

72.5943, 69.0080, 79.3058

Trichromacy



Original Color

70.3386, 68.8067, 68.6053

Protanomaly

67.7402, 68.8997, 70.7014

Deuteranomaly

70.3386, 68.8067, 68.6053

Tritanomaly

71.6982, 68.9987, 75.1848

Monochromacy



Original Color

70.3386, 68.8067, 68.6053

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.8021, 69.6247, 73.4837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3386, 68.8067, 68.6053 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(241, 209, 207)` looks like.

```
.text, #text, p{  
    color:rgb(241, 209, 207)  
}
```

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(241, 209, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 209, 207) }
```

Border

The CSS property to change the border of an element to XYZ 70.3386, 68.8067, 68.6053 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(241, 209, 207) }
```


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

```
.border{ border-color:rgb(241, 209, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 209, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 209, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 209, 207);  
box-shadow:4px 4px 4px 4px rgb(241, 209,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3386, 68.8067, 68.6053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 209, 207) }
```

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

```
.background{ background-color: rgb(241,  
209, 207) }
```

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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