

Converting Colors

XYZ(70.6520, 68.3477, 68.4165)

Have a look what the booklet for
XYZ(70.6520, 68.3477, 68.4165)
contains.

XYZ(70.5375, 68.1853, 68.4748)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(70.5375, 68.1853,
68.4748)**

Conversions

Conversions Part 1

Format	Color
Hex	F3CFCF
RGB	243, 207, 207
RGB Percent	95%, 81%, 81%
CMY	0.0471, 0.1882, 0.1882
CMYK	0.00, 0.15, 0.15, 0.05
HSL	0°, 60%, 88%
HSV	0°, 15%, 95%
XYZ	70.5375, 68.1853, 68.4748
YIQ	217.7640, 21.4560, 7.6320

Conversions

Conversions Part 2

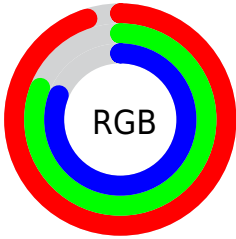
Format	Color
R _Y B	243, 207, 207
Decimal	15978447
CIE Lab	86.10, 12.60, 4.68
CIE LCh	86, 13.446, 20.377
Yxy	68.1853, 0.3404, 0.3291
Android (android.graphics.Color)	4294168527 (0xFFFF3CFCF)
YUV	217.7640, -5.3067, 22.1320
Hunter-Lab	82.5744, 7.9748, 8.6359

Details

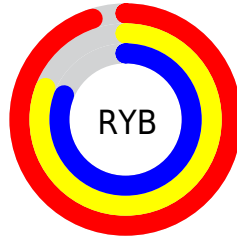
The XYZ color **70.5375, 68.1853, 68.4748** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.9600, 83.8360, 97.0787**, and the grayscale version is **66.5046, 69.9680, 76.1952**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3907, 35.5215, 35.0226** is the 20% darker color. If you saturate the color by 10%, you get **62.3521, 56.2082, 52.1999**, and if you desaturate by 10%, it is **80.0897, 82.1630, 87.4626**.

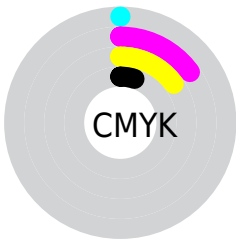
Distribution



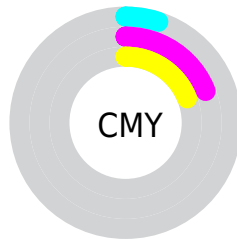
- Red (95%)
- Green (81%)
- Blue (81%)



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



- Cyan (0%)
- Magenta (15%)
- Yellow (15%)
- Black (5%)




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.5375, 68.1853, 68.4748 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 70.5375, 68.1853, 68.4748 by changing the saturation by 10% instead.


 70.5375, 68.1853,
68.4748

 70.5375, 68.1853,
68.4748


451.6720,
454.1523, 473.8201

 52.2460, 50.0485,
49.8150


118.9970,
116.6172, 118.6917

 37.4263, 35.4519,
34.8963

149.8958,
147.6811, 151.0860

 25.7129, 24.0112,
23.3001


185.7278,
183.8228, 188.8954

 16.7405, 15.3419,
14.6079

226.8582,
225.4267, 232.5387

 10.1438, 9.0597,
8.4011

273.6525,
272.8772, 282.4342

 5.5574, 4.7802,
4.2612

326.4760,

 2.6160, 2.1189,

326.5587, 339.0006

1.7697

385.6941,
386.8556, 402.6564

■ 0.9541, 0.6752,
0.4079

■ 0.0000, 0.0000,
0.0000

■ 70.5375, 68.1853,
68.4748

■ 70.5375, 68.1853,
68.4748

■ 62.3521, 56.2082,
52.1999

■ 80.0897, 82.1630,
87.4626

■ 55.4658, 46.1316,
38.5100

■ 90.7725, 97.7949,
108.6998

■ 49.8135, 37.8607,
27.2736

■ 45.3224, 31.2887,
18.3457

■ 41.9118, 26.2979,
11.5660

■ 39.4909, 22.7553,
6.7541

■ 37.9541, 20.5063,
3.6998

■ 37.1718, 19.3613,
2.1453

■ 36.9628, 19.0555,
1.7299

Harmonies

Analogous

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



70.8428, 68.1853, 77.1225



70.5375, 68.1853, 68.4748



68.6706, 68.1853, 61.8943

Triad

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



70.5375, 68.1853, 68.4748



60.3395, 68.1853, 63.9129



63.8202, 68.1853, 92.3097

Complementary

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



70.5375, 68.1853, 68.4748



73.9600, 83.8360, 97.0787

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.



61.0932, 68.1853, 88.1319



70.5375, 68.1853, 68.4748



59.1262, 68.1853, 71.4345

Square

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



70.5375, 68.1853, 68.4748



62.7617, 68.1853, 59.4093



59.3976, 68.1853, 80.3247



66.8985, 68.1853, 91.3588

Rectangle

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



70.5375, 68.1853, 68.4748



66.8235, 68.1853, 59.3433



59.3976, 68.1853, 80.3247



62.8336, 68.1853, 91.4468

Sweetspot

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



70.5394, 68.1884, 68.4762



90.2832, 93.0250, 99.4234



75.4535, 70.1523, 94.3588



19.1386, 19.6394, 20.9114



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.



70.5394, 68.1884, 68.4762



75.5874, 71.5211, 70.2076



75.1507, 77.4110, 70.0134



16.4994, 16.4828, 17.1095



20.2864, 10.4584, 0.9495



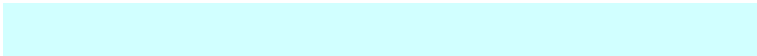
1.7830, 0.9193, 0.0835

Inverse Universe

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



73.9600, 83.8360, 97.0787



80.1311, 92.3064, 108.2013



68.8359, 73.5878, 95.3707



16.9966, 18.7575, 21.2673



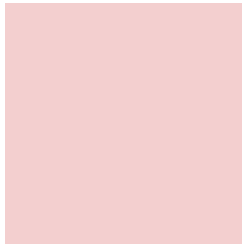
26.4647, 38.7233, 52.6175



2.3260, 3.4035, 4.6246

Previews

White Background



This preview shows how the XYZ color 70.5375, 68.1853, 68.4748 looks on a white background.

Color Contrast Check

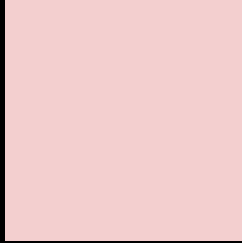
Large Text (above 18pt) WCAG AA × Fail

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 70.5375, 68.1853, 68.4748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

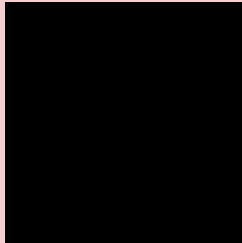
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.5375, 68.1853, 68.4748

Background



This preview shows how black text looks on a background with the XYZ color 70.5375, 68.1853, 68.4748.



This preview shows how white text looks on a background with the XYZ color 70.5375, 68.1853,

68.4748.

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

70.5375, 68.1853, 68.4748

Protanopia

65.5735, 68.5197, 71.3975

Deuteranopia

69.7535, 68.1420, 68.5078



Tritanopia

72.5387, 68.2956, 77.7658

Trichromacy



Original Color

70.5375, 68.1853, 68.4748

Protanomaly

67.1713, 68.2341, 70.6030

Deuteranomaly

70.0940, 68.3175, 68.5237

Tritanomaly

71.7742, 68.3336, 74.3725

Monochromacy



Original Color

70.5375, 68.1853, 68.4748

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.8627, 69.2791, 73.4138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5375, 68.1853, 68.4748 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(243, 207, 207)` looks like.

```
.text, #text, p{  
    color:rgb(243, 207, 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(243, 207, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 207, 207) }
```

Border

The CSS property to change the border of an element to XYZ 70.5375, 68.1853, 68.4748 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(243, 207, 207) }
```


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

```
.border{ border-color:rgb(243, 207, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 207, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 207, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 207, 207);  
box-shadow:4px 4px 4px 4px rgb(243, 207,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5375, 68.1853, 68.4748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 207, 207) }
```

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

```
.background{ background-color: rgb(243,  
207, 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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