

Converting Colors

XYZ(70.1200, 66.3912, 62.7878)

Have a look what the booklet for
XYZ(70.1200, 66.3912, 62.7878)
contains.

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Color

**XYZ(70.0250, 66.2747,
62.5277)**

Conversions

Conversions Part 1

Format	Color
Hex	F8CAC6
RGB	248, 202, 198
RGB Percent	97%, 79%, 78%
CMY	0.0274, 0.2078, 0.2235
CMYK	0.00, 0.19, 0.20, 0.03
HSL	5°, 78%, 87%
HSV	5°, 20%, 97%
XYZ	70.0250, 66.2747, 62.5277
YIQ	215.2980, 28.7000, 8.5080

Conversions

Conversions Part 2

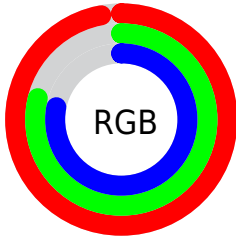
Format	Color
RYB	248, 202, 198
Decimal	16304838
CIELab	85.14, 15.65, 8.13
CIELCh	85, 17.641, 27.455
Yxy	66.2747, 0.3522, 0.3333
Android (android.graphics.Color)	4294494918 (0xFFF8CAC6)
YUV	215.2980, -8.5279, 28.6797
Hunter-Lab	81.4093, 11.0723, 11.4479

Details

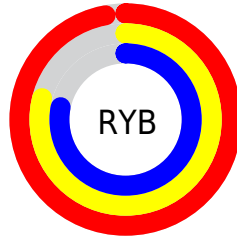
The XYZ color **70.0250, 66.2747, 62.5277** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.5821, 83.4825, 101.0958**, and the grayscale version is **64.8371, 68.2137, 74.2847**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1098, 34.2698, 31.0444** is the 20% darker color. If you saturate the color by 10%, you get **62.4326, 55.2988, 47.0206**, and if you desaturate by 10%, it is **78.8807, 79.0266, 80.7681**.

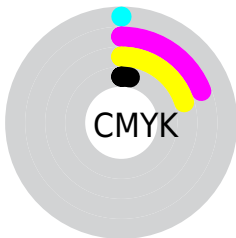
Distribution



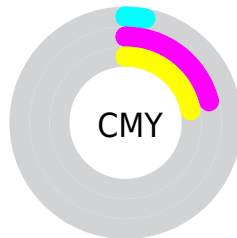
- Red (97%)
- Green (79%)
- Blue (78%)



- Red (97%)
- Yellow (79%)
- Blue (78%)



- Cyan (0%)
- Magenta (19%)
- Yellow (20%)
- Black (3%)



- Cyan (3%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0250, 66.2747, 62.5277 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 70.0250, 66.2747, 62.5277 by changing the saturation by 10% instead.

70.0250, 66.2747,
62.5277

70.0250, 66.2747,
62.5277

449.9028,
447.3587, 451.9140

51.8266, 48.4954,
45.0207

118.2705,
113.8805, 110.0668

37.0906, 34.2194,
31.1307

149.0483,
144.4758, 140.9360

25.4516, 23.0622,
20.4391

184.7499,
180.1120, 177.0964

16.5444, 14.6394,
12.5274

225.7407,
221.1733, 218.9664

10.0035, 8.5667,
6.9770

272.3860,
268.0443, 266.9646

5.4635, 4.4597,
3.3695

325.0512,

2.5592, 1.9339,

321.1092, 321.5096

1.2863

384.1017,
380.7525, 383.0199

■ 0.9252, 0.5686,
0.0505

■ 0.0000, 0.0000,
0.0000

■ 70.0250, 66.2747,
62.5277

■ 70.0250, 66.2747,
62.5277

■ 62.4326, 55.2988,
47.0206

■ 78.8807, 79.0266,
80.7681

■ 56.0408, 46.0115,
34.1113

■ 89.0481, 93.6190,
101.8602

■ 50.7896, 38.3318,
23.6587

■ 92.5217, 98.6966,
108.7817

■ 46.6116, 32.1681,
15.5070

■ 43.4323, 27.4201,
9.4822

■ 41.1677, 23.9747,
5.3858

■ 39.7197, 21.7021,
2.9817

■ 38.9594, 20.4521,
1.8943

Harmonies

Analogous

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



70.9452, 66.2747, 73.1389



70.0250, 66.2747, 62.5277



67.1965, 66.2747, 55.2290

Triad

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



70.0250, 66.2747, 62.5277



56.7629, 66.2747, 61.0089



62.6531, 66.2747, 96.3283

Complementary

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



70.0250, 66.2747, 62.5277



72.5821, 83.4825, 101.0958

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.



58.9669, 66.2747, 92.2439



70.0250, 66.2747, 62.5277



55.6568, 66.2747, 71.1936

Square

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



70.0250, 66.2747, 62.5277



59.5316, 66.2747, 54.4191



56.4466, 66.2747, 82.7381



66.5842, 66.2747, 93.3943

Rectangle

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



70.0250, 66.2747, 62.5277



64.6679, 66.2747, 52.8245



56.4466, 66.2747, 82.7381



61.3455, 66.2747, 95.7218

Sweetspot

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



70.0268, 66.2777, 62.5291



88.3568, 90.3999, 94.9966



75.3368, 66.9177, 95.0660



18.7627, 19.1350, 20.0238



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.



70.0268, 66.2777, 62.5291



71.3099, 65.8556, 59.8742



76.1923, 78.6087, 64.5842



17.3563, 17.4484, 17.9155



21.0843, 11.1253, 1.0361



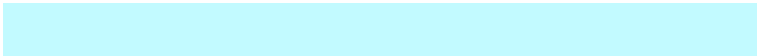
1.9900, 1.1049, 0.1084

Inverse Universe

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



72.5821, 83.4825, 101.0958



74.4631, 87.0954, 107.4942



65.7386, 69.7956, 98.8147



17.6399, 19.3567, 22.1918



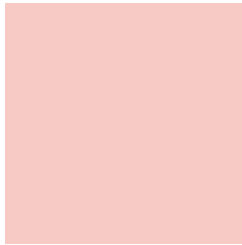
24.2092, 33.7740, 53.2166



2.2764, 3.1965, 4.9402

Previews

White Background



This preview shows how the XYZ color 70.0250, 66.2747, 62.5277 looks on a white background.

Color Contrast Check

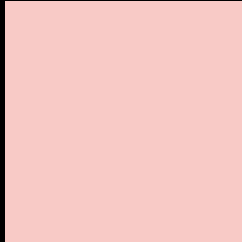
Large Text (above 18pt) WCAG AA × Fail

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 70.0250, 66.2747, 62.5277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

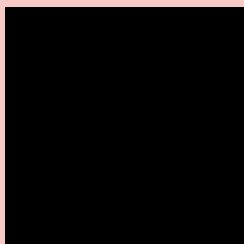
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.0250, 66.2747, 62.5277

Background



This preview shows how black text looks on a background with the XYZ color 70.0250, 66.2747, 62.5277.

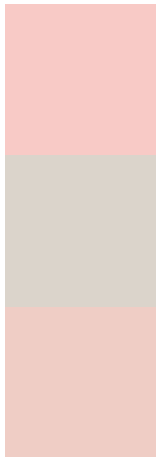


This preview shows how white text looks on a background with the XYZ color 70.0250, 66.2747,

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

70.0250, 66.2747, 62.5277

Protanopia

63.5364, 66.4588, 65.9790

Deuteranopia

67.5060, 66.0446, 62.0133



Tritanopia

72.1135, 66.0771, 73.2433

Trichromacy



Original Color

70.0250, 66.2747, 62.5277

Protanomaly

65.7316, 66.1518, 64.5625

Deuteranomaly

68.2889, 66.0942, 61.9816

Tritanomaly

71.2298, 66.0517, 69.3166

Monochromacy



Original Color

70.0250, 66.2747, 62.5277

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.2338, 67.0275, 69.7683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0250, 66.2747, 62.5277 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(248, 202, 198)` looks like.

```
.text, #text, p{  
    color:rgb(248, 202, 198)  
}
```

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(248, 202, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 202, 198) }
```

Border

The CSS property to change the border of an element to XYZ 70.0250, 66.2747, 62.5277 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(248, 202, 198) }
```


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

```
.border{ border-color:rgb(248, 202, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 202, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 202, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 202, 198);  
box-shadow:4px 4px 4px 4px rgb(248, 202,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0250, 66.2747, 62.5277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 202, 198) }
```

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

```
.background{ background-color: rgb(248,  
202, 198) }
```

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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