

Converting Colors

XYZ(69.5869, 70.6234, 60.5792)

Have a look what the booklet for
XYZ(69.5869, 70.6234, 60.5792)
contains.

XYZ(69.6074, 70.4687, 60.3852)	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(69.6074, 70.4687,
60.3852)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D6C1
RGB	240, 214, 193
RGB Percent	94%, 84%, 76%
CMY	0.0588, 0.1608, 0.2431
CMYK	0.00, 0.11, 0.20, 0.06
HSL	27°, 61%, 85%
HSV	27°, 20%, 94%
XYZ	69.6074, 70.4687, 60.3852
YIQ	219.3800, 22.2370, -1.0190

Conversions

Conversions Part 2

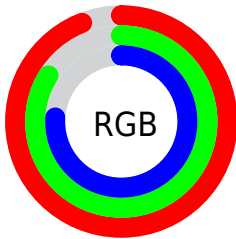
Format	Color
RYB	240, 231, 193
Decimal	15783617
CIELab	87.23, 5.75, 13.66
CIElCh	87, 14.818, 67.179
Yxy	70.4687, 0.3472, 0.3515
Android (android.graphics.Color)	4293973697 (0xFFFF0D6C1)
YUV	219.3800, -13.0053, 18.0837
Hunter-Lab	83.9456, 1.1066, 16.1125

Details

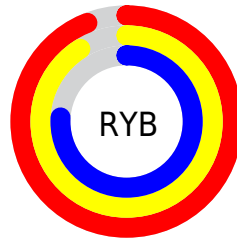
The XYZ color **69.6074, 70.4687, 60.3852** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.0515, 68.2901, 92.2967**, and the grayscale version is **67.6741, 71.1985, 77.5351**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **36.8255, 36.8507, 29.5981** is the 20% darker color. If you saturate the color by 10%, you get **63.9211, 63.0384, 46.3355**, and if you desaturate by 10%, it is **76.0058, 78.6268, 76.8174**.

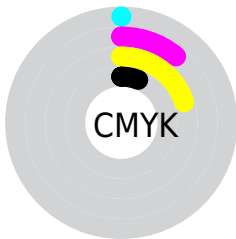
Distribution



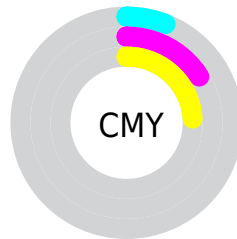
- Red (94%)
- Green (84%)
- Blue (76%)



- Red (94%)
- Yellow (91%)
- Blue (76%)



- Cyan (0%)
- Magenta (11%)
- Yellow (20%)
- Black (6%)





- Cyan (6%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.6074, 70.4687, 60.3852 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 69.6074, 70.4687, 60.3852 by changing the saturation by 10% instead.


 69.6074, 70.4687,
60.3852

 69.6074, 70.4687,
60.3852


448.4583,
462.1940, 443.8602

 51.4850, 51.9087,
43.3019


 117.6780,
119.8769, 106.9371

 36.8173, 36.9323,
29.7889


148.3570,
151.4939, 137.2427

 25.2391, 25.1551,
19.4277

183.9521,
188.2321, 172.7929

 16.3850, 16.1927,
11.7998

224.8288,
230.4758, 214.0060

 9.8895, 9.6606,
6.4866

271.3524,
278.6095, 261.3008

 5.3875, 5.1745,
3.0696

323.8883,

 2.5134, 2.3500,

333.0175, 315.0958

1.1303

382.8018,
394.0842, 375.8093

■ 0.9020, 0.8000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.6074, 70.4687,
60.3852

■ 69.6074, 70.4687,
60.3852

■ 63.9211, 63.0384,
46.3355

■ 76.0058, 78.6268,
76.8174

■ 58.9139, 56.3049,
34.5515

■ 83.1364, 87.5234,
95.7324

■ 54.5582, 50.2489,
24.9131

■ 89.3728, 96.5202,
108.5276

■ 50.8221, 44.8465,
17.2872

■ 89.7454, 97.2654,
108.6517

■ 47.6708, 40.0720,
11.5257

■ 45.0649, 35.8973,
7.4596

■ 42.9588, 32.2914,
4.8885

■ 41.2837, 29.2132,
3.4916

■ 41.2201, 29.0948,
3.4433

Harmonies

Analogous

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



72.4526, 70.4687, 65.7202



69.6074, 70.4687, 60.3852



66.1456, 70.4687, 59.2418

Triad

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



69.6074, 70.4687, 60.3852



60.5562, 70.4687, 79.1484



71.1041, 70.4687, 93.0328

Complementary

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



69.6074, 70.4687, 60.3852



63.0515, 68.2901, 92.2967

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.



67.8181, 70.4687, 97.3563



69.6074, 70.4687, 60.3852



61.7871, 70.4687, 88.9020

Square

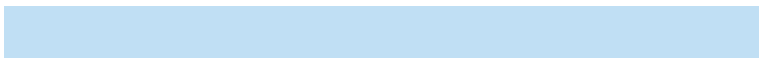
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.6074, 70.4687, 60.3852



60.9980, 70.4687, 69.5330



64.4164, 70.4687, 95.7827



73.3374, 70.4687, 84.4039

Rectangle

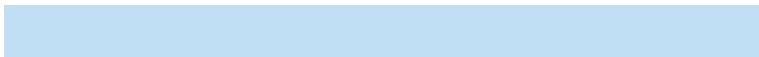
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.6074, 70.4687, 60.3852



63.9681, 70.4687, 60.9117



64.4164, 70.4687, 95.7827



70.0817, 70.4687, 95.0704

Sweetspot

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



69.6093, 70.4719, 60.3867



90.0432, 93.7726, 95.5587



67.8756, 61.8140, 75.8104



19.1603, 19.9301, 20.1563



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.



69.6093, 70.4719, 60.3867



77.5143, 77.8027, 63.3657



75.8070, 82.8673, 62.4526



16.3544, 16.9219, 16.5540



22.6928, 16.1836, 1.9277



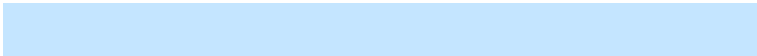
1.9856, 1.5420, 0.1930

Inverse Universe

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



63.0515, 68.2901, 92.2967



68.8670, 74.9245, 105.4399



57.4914, 57.1697, 90.4433



15.6222, 16.6784, 20.1175



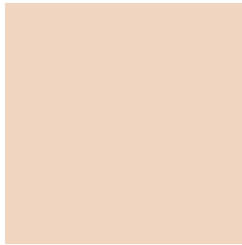
13.3168, 12.8579, 46.9078



1.2070, 1.2680, 3.9353

Previews

White Background



This preview shows how the XYZ color 69.6074, 70.4687, 60.3852 looks on a white background.

Color Contrast Check

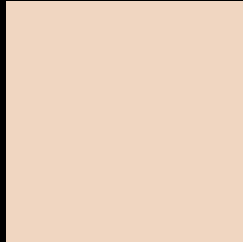
Large Text (above 18pt) WCAG AA × Fail

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 69.6074, 70.4687, 60.3852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

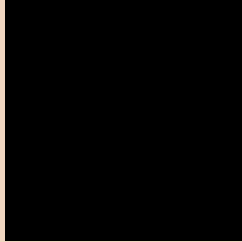
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.6074, 70.4687, 60.3852

Background



This preview shows how black text looks on a background with the XYZ color 69.6074, 70.4687, 60.3852.



This preview shows how white text looks on a background with the XYZ color 69.6074, 70.4687,

60.3852.

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

69.6074, 70.4687, 60.3852

Protanopia

66.9166, 70.5769, 61.7256

Deuteranopia

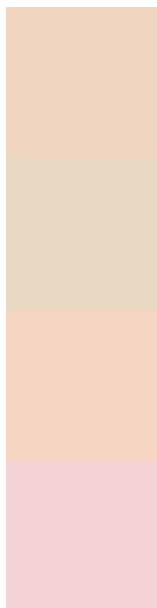
72.0988, 70.6233, 60.8706



Tritanopia

73.8362, 70.3250, 81.6340

Trichromacy



Original Color

69.6074, 70.4687, 60.3852

Protanomaly

67.8292, 70.6766, 61.1059

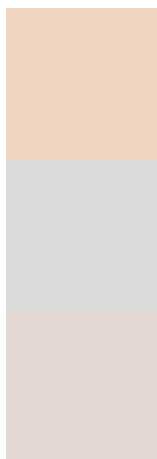
Deuteranomaly

71.2871, 70.5748, 60.9040

Tritanomaly

72.3940, 70.4983, 73.4103

Monochromacy



Original Color

69.6074, 70.4687, 60.3852

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.1243, 70.6097, 71.0113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6074, 70.4687, 60.3852 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(240, 214, 193) looks like.

```
.text, #text, p{  
    color:rgb(240, 214, 193)  
}
```

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(240, 214, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 214, 193) }
```

Border

The CSS property to change the border of an element to XYZ 69.6074, 70.4687, 60.3852 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(240, 214, 193) }
```


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

```
.border{ border-color:rgb(240, 214, 193) }
```

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

Here you see how a box with a 4 pixel rgb(240, 214, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 214, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 214, 193);  
box-shadow:4px 4px 4px 4px rgb(240, 214,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6074, 70.4687, 60.3852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 214, 193) }
```

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

```
.background{ background-color: rgb(240,  
214, 193) }
```

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