

Converting Colors

XYZ(69.4158, 69.1376, 58.8131)

Have a look what the booklet for
XYZ(69.4158, 69.1376, 58.8131)
contains.

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Color

**XYZ(69.6604, 69.4048,
59.0152)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D3BF
RGB	243, 211, 191
RGB Percent	95%, 83%, 75%
CMY	0.0471, 0.1725, 0.2510
CMYK	0.00, 0.13, 0.21, 0.05
HSL	23°, 68%, 85%
HSV	23°, 21%, 95%
XYZ	69.6604, 69.4048, 59.0152
YIQ	218.2880, 25.4920, 0.5640

Conversions

Conversions Part 2

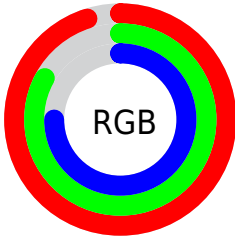
Format	Color
R _Y B	243, 224, 191
Decimal	15979455
CIE Lab	86.70, 8.11, 14.01
CIE LCh	87, 16.189, 59.928
Yxy	69.4048, 0.3517, 0.3504
Android (android.graphics.Color)	4294169535 (0xFFFF3D3BF)
YUV	218.2880, -13.4530, 21.6724
Hunter-Lab	83.3095, 3.4635, 16.3166

Details

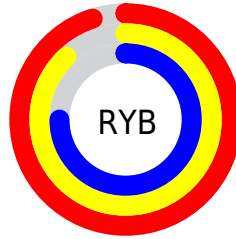
The XYZ color **69.6604, 69.4048, 59.0152** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.0507, 70.3211, 94.9920**, and the grayscale version is **66.9185, 70.4034, 76.6693**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **36.7256, 36.0510, 29.0676** is the 20% darker color. If you saturate the color by 10%, you get **63.6620, 61.3381, 44.8988**, and if you desaturate by 10%, it is **76.4518, 78.3463, 75.5863**.

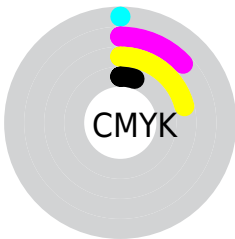
Distribution



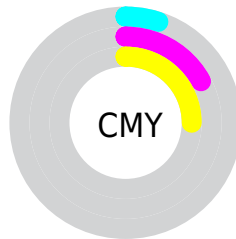
- Red (95%)
- Green (83%)
- Blue (75%)



- Red (95%)
- Yellow (88%)
- Blue (75%)



- Cyan (0%)
- Magenta (13%)
- Yellow (21%)
- Black (5%)





- Cyan (5%)
- Magenta (17%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6604, 69.4048, 59.0152 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 69.6604, 69.4048, 59.0152 by changing the saturation by 10% instead.


 69.6604, 69.4048,
59.0152

 69.6604, 69.4048,
59.0152


448.6417,
458.4574, 438.6617

 51.5283, 51.0415,
42.2053


 117.7532,
118.3596, 104.9291

 36.8520, 36.2416,
28.9353


148.4447,
149.7198, 134.8701

 25.2661, 24.6208,
18.7867


184.0534,
186.1811, 170.0253

 16.4052, 15.7948,
11.3410

224.9446,
228.1278, 210.8131

 9.9040, 9.3791,
6.1796

271.4836,
275.9444, 257.6521

 5.3971, 4.9892,
2.8841

324.0360,

 2.5192, 2.2410,

330.0153, 310.9608

1.0357

382.9669,
390.7248, 371.1579

■ 0.9050, 0.7422,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.6604, 69.4048,
59.0152

■ 69.6604, 69.4048,
59.0152

■ 63.6620, 61.3381,
44.8988

■ 76.4518, 78.3463,
75.5863

■ 58.4198, 54.1093,
33.1146

■ 84.0599, 88.1794,
94.7181

■ 53.9021, 47.6925,
23.5358

■ 90.7724, 97.7948,
108.6998

■ 50.0725, 42.0568,
16.0217

■ 46.8912, 37.1688,
10.4150

■ 44.3133, 32.9926,
6.5356

■ 42.2864, 29.4877,
4.1676

■ 40.9193, 26.9687,
3.0488

Harmonies

Analogous

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



72.4400, 69.4048, 65.6939



69.6604, 69.4048, 59.0152



65.9763, 69.4048, 56.6809

Triad

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



69.6604, 69.4048, 59.0152



58.9916, 69.4048, 75.5440



69.6441, 69.4048, 94.9933

Complementary

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



69.6604, 69.4048, 59.0152



64.0507, 70.3211, 94.9920

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.



65.9581, 69.4048, 98.2489



69.6604, 69.4048, 59.0152



59.8919, 69.4048, 86.3895

Square

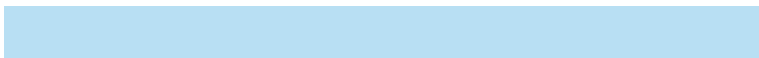
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.6604, 69.4048, 59.0152



59.9004, 69.4048, 65.6529



62.4069, 69.4048, 94.9630



72.4304, 69.4048, 86.4387

Rectangle

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



69.6604, 69.4048, 59.0152



63.5311, 69.4048, 57.7116



62.4069, 69.4048, 94.9630



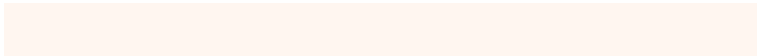
68.4647, 69.4048, 96.7779

Sweetspot

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



69.6623, 69.4079, 59.0167



89.7536, 93.1934, 95.4622



68.9219, 61.6485, 78.1267



19.0919, 19.7934, 20.1335



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.



69.6623, 69.4079, 59.0167



74.4915, 73.1186, 58.1607



76.6316, 83.3467, 61.3398



17.0218, 17.5277, 17.2836



22.5786, 15.0427, 1.7135



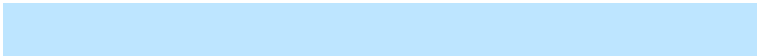
2.0807, 1.5147, 0.1827

Inverse Universe

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



64.0507, 70.3211, 94.9920



67.1181, 74.3129, 105.4141



57.6458, 57.5112, 92.8570



16.4302, 17.6246, 21.0785



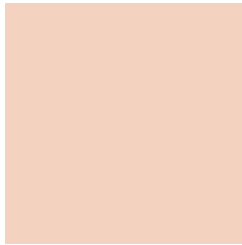
14.9570, 15.7077, 48.7816



1.4139, 1.5792, 4.3205

Previews

White Background



This preview shows how the XYZ color 69.6604, 69.4048, 59.0152 looks on a white background.

Color Contrast Check

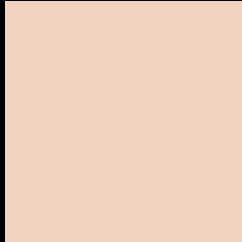
Large Text (above 18pt) WCAG AA × Fail

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 69.6604, 69.4048, 59.0152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

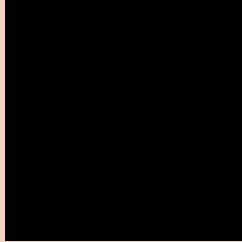
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.6604, 69.4048, 59.0152

Background



This preview shows how black text looks on a background with the XYZ color 69.6604, 69.4048, 59.0152.



This preview shows how white text looks on a background with the XYZ color 69.6604, 69.4048,

59.0152.

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

69.6604, 69.4048, 59.0152

Protanopia

66.2290, 69.8516, 61.0310

Deuteranopia

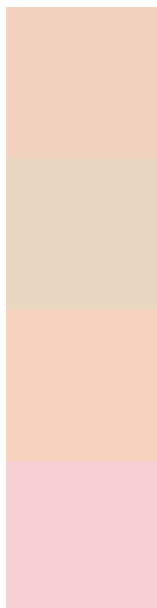
70.9158, 69.3190, 58.9324



Tritanopia

73.6139, 69.1907, 78.5825

Trichromacy



Original Color

69.6604, 69.4048, 59.0152

Protanomaly

67.5304, 69.7748, 60.3607

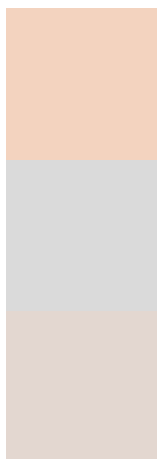
Deuteranomaly

70.4566, 69.4476, 58.9815

Tritanomaly

72.3198, 69.4077, 71.2134

Monochromacy



Original Color

69.6604, 69.4048, 59.0152

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.3642, 69.4858, 69.5361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6604, 69.4048, 59.0152 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, 211, 191)` looks like.

```
.text, #text, p{  
    color:rgb(243, 211, 191)  
}
```

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, 211, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 211, 191) }
```

Border

The CSS property to change the border of an element to XYZ 69.6604, 69.4048, 59.0152 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, 211, 191) }
```


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

```
.border{ border-color:rgb(243, 211, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 211, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 211, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 211, 191);  
box-shadow:4px 4px 4px 4px rgb(243, 211,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6604, 69.4048, 59.0152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 211, 191) }
```

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

```
.background{ background-color: rgb(243,  
211, 191) }
```

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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