

Converting Colors

XYZ(60.4749, 59.0117, 29.6758)

Have a look what the booklet for
XYZ(60.4749, 59.0117, 29.6758)
contains.

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Color

**XYZ(60.4749, 59.0117,
29.6758)**

Conversions

Conversions Part 1

Format	Color
Hex	F4C183
RGB	244, 193, 131
RGB Percent	96%, 76%, 51%
CMY	0.0431, 0.2431, 0.4863
CMYK	0.00, 0.21, 0.46, 0.04
HSL	33°, 84%, 74%
HSV	33°, 46%, 96%
XYZ	60.4749, 59.0117, 29.6758
YIQ	201.1810, 50.2980, -8.4700

Conversions

Conversions Part 2

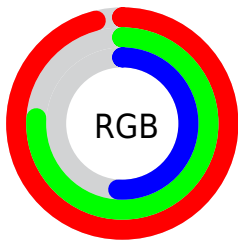
Format	Color
RYB	224, 244, 131
Decimal	16040323
CIELab	81.30, 10.66, 38.08
CIElCh	81, 39.547, 74.365
Yxy	59.0117, 0.4054, 0.3956
Android (android.graphics.Color)	4294230403 (0xFFFF4C183)
YUV	201.1810, -34.5992, 37.5523
Hunter-Lab	76.8191, 6.0886, 30.8692

Details

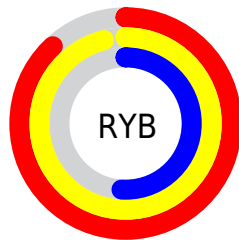
The XYZ color **60.4749, 59.0117, 29.6758** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.4165, 44.8111, 92.0015**, and the grayscale version is **55.8170, 58.7238, 63.9502**.

A 20% lighter version of the original color is **83.8726, 92.5141, 59.3354**, and **31.0758, 29.7745, 11.6986** is the 20% darker color. If you saturate the color by 10%, you get **56.6680, 53.7401, 21.1866**, and if you desaturate by 10%, it is **64.8554, 64.8072, 40.2785**.

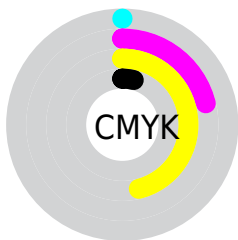
Distribution



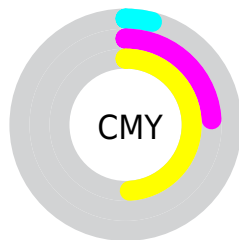
- Red (96%)
- Green (76%)
- Blue (51%)



- Red (88%)
- Yellow (96%)
- Blue (51%)



- Cyan (0%)
- Magenta (21%)
- Yellow (46%)
- Black (4%)



- Cyan (4%)
- Magenta (24%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4749, 59.0117, 29.6758 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 60.4749, 59.0117, 29.6758 by changing the saturation by 10% instead.

60.4749, 59.0117,
29.6758

60.4749, 59.0117,
29.6758

416.1528,
420.9453, 314.5505

44.0525, 42.6225,
19.3427

104.6207,
103.3947, 60.2040

30.9098, 29.5891,
11.7388

133.0748,
132.1573, 81.2362

20.6817, 19.5269,
6.4457

166.2701,
165.8131, 106.6718

13.0027, 12.0516,
3.0448

204.5720,
204.7467, 136.9295

7.5074, 6.7788,
1.1176

248.3458,
249.3422, 172.4276

3.8305, 3.3242,
0.0000

297.9570,

1.6067, 1.3032,

299.9843, 213.5848

0.0000

353.7709,
357.0572, 260.8196

■ 0.3968, 0.1437,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.4749, 59.0117,
29.6758

■ 60.4749, 59.0117,
29.6758

■ 56.6680, 53.7401,
21.1866

■ 64.8554, 64.8072,
40.2785

■ 53.3987, 48.9651,
14.6598

■ 69.8339, 71.1357,
53.1243

■ 50.6329, 44.6687,
9.9299

■ 75.4386, 78.0168,
68.3366

■ 48.3297, 40.8279,
6.8019

■ 81.6944, 85.4659,
86.0285

■ 46.4388, 37.4155,
5.0328

■ 88.6246, 93.4981,
106.3060

■ 45.8177, 36.2523,
4.5825

■ 91.1181, 97.9730,
108.7160

Harmonies

Analogous

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



68.2142, 59.0117, 37.4293



60.4749, 59.0117, 29.6758



52.2437, 59.0117, 29.5202

Triad

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



60.4749, 59.0117, 29.6758



42.0792, 59.0117, 76.1997



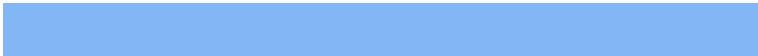
67.9311, 59.0117, 102.5234

Complementary

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



60.4749, 59.0117, 29.6758



42.4165, 44.8111, 92.0015

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.



60.1181, 59.0117, 119.0940



60.4749, 59.0117, 29.6758



45.4929, 59.0117, 101.5532

Square

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



60.4749, 59.0117, 29.6758



42.1544, 59.0117, 52.7680



51.9202, 59.0117, 118.7008



72.7984, 59.0117, 77.2958

Rectangle

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



60.4749, 59.0117, 29.6758



47.6008, 59.0117, 33.5689



51.9202, 59.0117, 118.7008



65.5303, 59.0117, 109.5376

Sweetspot

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



60.4763, 59.0145, 29.6770



84.8998, 88.0585, 79.7474



54.0486, 38.9158, 49.8643



17.8648, 18.4782, 16.2131



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.



60.4763, 59.0145, 29.6770



62.7102, 59.5032, 23.5678



72.4618, 84.9060, 34.0428



17.2529, 17.9899, 17.3606



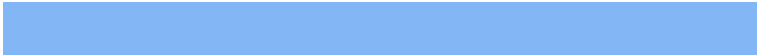
25.0518, 19.9891, 2.5379



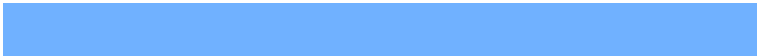
2.3044, 1.9620, 0.2573

Inverse Universe

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



42.4165, 44.8111, 92.0015



40.4092, 41.9811, 100.5811



34.4002, 27.8965, 89.1592



16.1970, 17.1583, 21.0008



12.0496, 9.8930, 47.8125



1.1602, 1.0718, 4.2360

Previews

White Background



This preview shows how the XYZ color 60.4749, 59.0117, 29.6758 looks on a white background.

Color Contrast Check

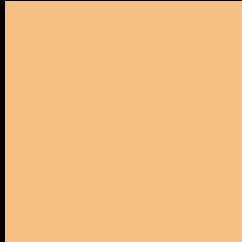
Large Text (above 18pt) WCAG AA × Fail

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 60.4749, 59.0117, 29.6758 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 60.4749, 59.0117, 29.6758

Background



This preview shows how black text looks on a background with the XYZ color 60.4749, 59.0117, 29.6758.



This preview shows how white text looks on a background with the XYZ color 60.4749, 59.0117,

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

60.4749, 59.0117, 29.6758

Protanopia

54.7071, 59.0504, 31.4362

Deuteranopia

60.1288, 58.8333, 29.6596



Tritanopia

66.8736, 58.7285, 61.8439

Trichromacy



Original Color

60.4749, 59.0117, 29.6758

Protanomaly

56.7214, 59.0621, 30.9648

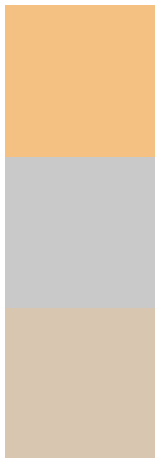
Deuteranomaly

60.1288, 58.8333, 29.6596

Tritanomaly

64.1217, 58.5531, 47.9667

Monochromacy



Original Color

60.4749, 59.0117, 29.6758

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.6458, 58.2745, 49.3368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4749, 59.0117, 29.6758 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(244, 193, 131)` looks like.

```
.text, #text, p{  
    color:rgb(244, 193, 131)  
}
```

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(244, 193, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 193, 131) }
```

Border

The CSS property to change the border of an element to XYZ 60.4749, 59.0117, 29.6758 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(244, 193, 131) }
```


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

```
.border{ border-color:rgb(244, 193, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 193, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 193, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 193, 131);  
box-shadow:4px 4px 4px 4px rgb(244, 193,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4749, 59.0117, 29.6758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 193, 131) }
```

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

```
.background{ background-color: rgb(244,  
193, 131) }
```

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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