

Converting Colors

XYZ(59.2872, 57.4821, 26.7062)

Have a look what the booklet for
XYZ(59.2872, 57.4821, 26.7062)
contains.

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Color

**XYZ(59.2968, 57.4901,
26.7103)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F4BE7B |
| RGB | 244, 190, 123 |
| RGB Percent | 96%, 75%, 48% |
| CMY | 0.0431, 0.2549, 0.5176 |
| CMYK | 0.00, 0.22, 0.50, 0.04 |
| HSL | 33°, 85%, 72% |
| HSV | 33°, 50%, 96% |
| XYZ | 59.2968, 57.4901, 26.7103 |
| YIQ | 198.5080, 53.6910, -9.3890 |

Conversions

Conversions Part 2

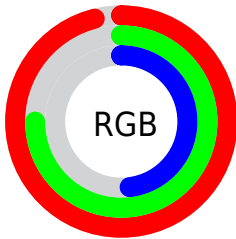
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 221, 244, 123 |
| Decimal | 16039547 |
| CIE Lab | 80.45, 11.48, 41.10 |
| CIE LCh | 80, 42.675, 74.390 |
| Yxy | 57.4901, 0.4132, 0.4006 |
| Android (android.graphics.Color) | 4294229627 (0xFFFF4BE7B) |
| YUV | 198.5080, -37.2254, 39.8965 |
| Hunter-Lab | 75.8222, 6.9071, 32.1892 |

Details

The XYZ color **59.2968, 57.4901, 26.7103** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.2189, 42.1850, 91.6103**, and the grayscale version is **54.1839, 57.0057, 62.0792**.

A 20% lighter version of the original color is **82.0322, 90.3061, 54.1816**, and **30.1558, 28.6866, 10.2510** is the 20% darker color. If you saturate the color by 10%, you get **55.6851, 52.4140, 18.8869**, and if you desaturate by 10%, it is **63.4682, 63.0764, 36.5993**.

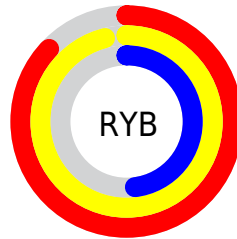
Distribution



Red (96%)

Green (75%)

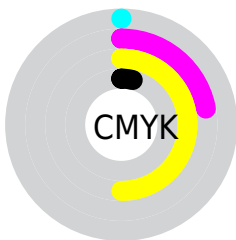
Blue (48%)



Red (87%)

Yellow (96%)

Blue (48%)

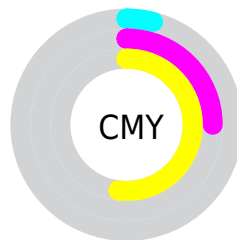


Cyan (0%)

Magenta (22%)

Yellow (50%)

Black (4%)



Cyan (4%)


Magenta (25%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2968, 57.4901, 26.7103 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 59.2968, 57.4901, 26.7103 by changing the saturation by 10% instead.


 59.2968, 57.4901,
26.7103

 59.2968, 57.4901,
26.7103


411.8773,
415.2832, 299.9674

 43.0994, 41.3989,
17.1253


 102.9211,
101.1800, 55.4167

 30.1580, 28.6309,
10.1609


 131.0786,
129.5474, 75.3752

 20.1072, 18.8018,
5.3988


 163.9536,
162.7756, 99.6285

 12.5817, 11.5271,
2.4203

201.9114,
201.2491, 128.5953

 7.2161, 6.4226,
0.7975

245.3173,
245.3522, 162.6940

 3.6452, 3.1037,
0.0000

294.5367,

 1.5034, 1.1861,

295.4693, 202.3432

0.0000

349.9349,
351.9849, 247.9615

■ 0.3282, 0.0503,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2968, 57.4901,
26.7103

■ 59.2968, 57.4901,
26.7103

■ 55.6851, 52.4140,
18.8869

■ 63.4682, 63.0764,
36.5993

■ 52.5961, 47.8206,
12.9725

■ 68.2246, 69.1823,
48.6878

■ 49.9945, 43.6916,
8.7936

■ 73.5946, 75.8273,
63.1024

■ 47.8370, 40.0031,
6.1427

■ 79.6035, 83.0269,
79.9590

■ 46.0567, 36.7216,
4.6893

■ 86.2750, 90.7962,
99.3659

■ 45.9886, 36.5942,
4.6395

■ 91.1180, 97.9730,
108.7160

Harmonies

Analogous

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



67.5705, 57.4901, 34.5757



59.2968, 57.4901, 26.7103



50.5668, 57.4901, 26.5599

Triad

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



59.2968, 57.4901, 26.7103



39.9107, 57.4901, 75.3527



67.2788, 57.4901, 103.7345

Complementary

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



59.2968, 57.4901, 26.7103



40.2189, 42.1850, 91.6103

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.



58.9318, 57.4901, 121.8391



59.2968, 57.4901, 26.7103



43.4788, 57.4901, 102.7210

Square

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



59.2968, 57.4901, 26.7103



39.9860, 57.4901, 50.5041



50.2386, 57.4901, 121.4253



72.5034, 57.4901, 76.4808

Rectangle

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



59.2968, 57.4901, 26.7103



45.6790, 57.4901, 30.6565



50.2386, 57.4901, 121.4253



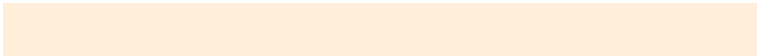
64.7082, 57.4901, 111.3799

Sweetspot

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



59.2982, 57.4929, 26.7114



84.2865, 87.3660, 77.8962



52.3721, 36.5918, 46.1336



17.7453, 18.3442, 15.8492



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.



59.2982, 57.4929, 26.7114



61.3506, 57.6440, 20.4633



71.1688, 84.2996, 31.2600



17.2601, 18.0043, 17.3630



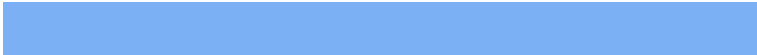
25.1448, 20.1751, 2.5689



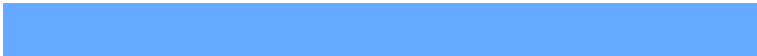
2.3124, 1.9781, 0.2599

Inverse Universe

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



40.2189, 42.1850, 91.6103



37.9555, 38.8969, 100.1151



32.4734, 25.3692, 88.7727



16.1899, 17.1441, 20.9984



11.9772, 9.7482, 47.7883



1.1536, 1.0586, 4.2338

Previews

White Background



This preview shows how the XYZ color 59.2968, 57.4901, 26.7103 looks on a white background.

Color Contrast Check

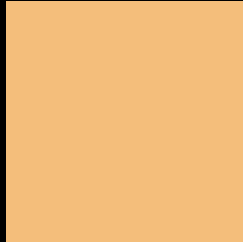
Large Text (above 18pt) WCAG AA × Fail

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 59.2968, 57.4901, 26.7103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

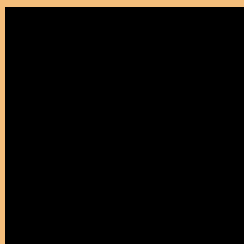
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2968, 57.4901, 26.7103

Background



This preview shows how black text looks on a background with the XYZ color 59.2968, 57.4901, 26.7103.



This preview shows how white text looks on a background with the XYZ color 59.2968, 57.4901,

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

59.2968, 57.4901, 26.7103

Protanopia

53.3985, 57.7463, 28.4104

Deuteranopia

58.8239, 57.5689, 26.7504



Tritanopia

65.7985, 57.3119, 59.2241

Trichromacy



Original Color

59.2968, 57.4901, 26.7103

Protanomaly

55.1844, 57.3171, 27.8934

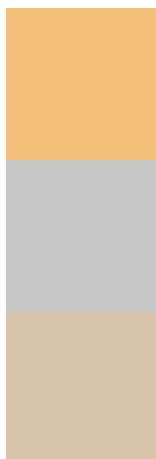
Deuteranomaly

59.1681, 57.7464, 26.7666

Tritanomaly

63.0133, 57.1020, 45.2367

Monochromacy



Original Color

59.2968, 57.4901, 26.7103

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.1149, 56.8672, 46.5997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2968, 57.4901, 26.7103 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, 190, 123)` looks like.

```
.text, #text, p{  
    color:rgb(244, 190, 123)  
}
```

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, 190, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 190, 123) }
```

Border

The CSS property to change the border of an element to XYZ 59.2968, 57.4901, 26.7103 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, 190, 123) }
```


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

```
.border{ border-color:rgb(244, 190, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 190, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 190, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 190, 123);  
box-shadow:4px 4px 4px 4px rgb(244, 190,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2968, 57.4901, 26.7103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 190, 123) }
```

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

```
.background{ background-color: rgb(244,  
190, 123) }
```

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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