

Converting Colors

XYZ(58.8993, 57.4717, 25.0791)

Have a look what the booklet for
XYZ(58.8993, 57.4717, 25.0791)
contains.

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Color

**XYZ(58.6456, 57.1896,
25.0873)**

Conversions

Conversions Part 1

Format	Color
Hex	F3BE76
RGB	243, 190, 118
RGB Percent	95%, 75%, 46%
CMY	0.0471, 0.2549, 0.5372
CMYK	0.00, 0.22, 0.51, 0.05
HSL	35°, 84%, 71%
HSV	35°, 51%, 95%
XYZ	58.6456, 57.1896, 25.0873
YIQ	197.6390, 54.7000, -11.1560

Conversions

Conversions Part 2

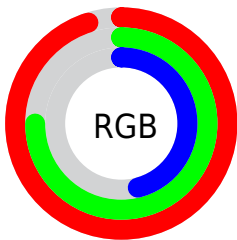
Format	Color
R_{YB}	210, 243, 118
Decimal	15974006
CIE _{Lab}	80.29, 10.64, 43.40
CIE _{LCh}	80, 44.685, 76.225
Yxy	57.1896, 0.4162, 0.4058
Android (android.graphics.Color)	4294164086 (0xFFFF3BE76)
YUV	197.6390, -39.2620, 39.7816
Hunter-Lab	75.6238, 6.0835, 33.2679

Details

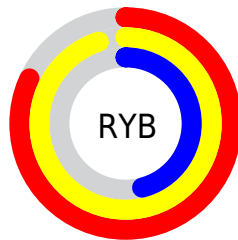
The XYZ color **58.6456, 57.1896, 25.0873** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.2111, 39.4468, 90.3937**, and the grayscale version is **53.6660, 56.4609, 61.4859**.

A 20% lighter version of the original color is **81.5465, 90.1118, 51.6234**, and **29.7562, 28.4990, 9.4014** is the 20% darker color. If you saturate the color by 10%, you get **55.2307, 52.3807, 17.7193**, and if you desaturate by 10%, it is **62.5930, 62.4683, 34.4689**.

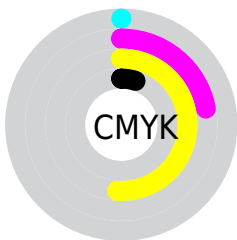
Distribution



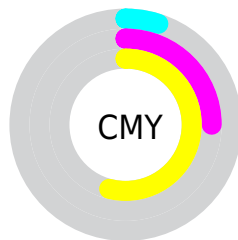
- Red (95%)
- Green (75%)
- Blue (46%)



- Red (82%)
- Yellow (95%)
- Blue (46%)



- Cyan (0%)
- Magenta (22%)
- Yellow (51%)
- Black (5%)





- Cyan (5%)
- Magenta (25%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6456, 57.1896, 25.0873 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 58.6456, 57.1896, 25.0873 by changing the saturation by 10% instead.


 58.6456, 57.1896,
25.0873

 58.6456, 57.1896,
25.0873


409.5025,
414.1594, 291.7340


 42.5732, 41.1575,
15.9225


 101.9800,
100.7418, 52.7647

 29.7434, 28.4422,
9.3156


 129.9726,
129.0306, 72.1144

 19.7910, 18.6592,
4.8480


 162.6694,
162.1739, 95.6961

 12.3506, 11.4243,
2.1012

200.4357,
200.5559, 123.9283

 7.0568, 6.3530,
0.6165

243.6367,
244.5610, 157.2297

 3.5443, 3.0609,
0.0000

292.6380,

 1.4477, 1.1636,

294.5737, 196.0188

0.0000

347.8048,
350.9784, 240.7140

■ 0.2898, 0.0317,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6456, 57.1896,
25.0873

■ 58.6456, 57.1896,
25.0873

■ 55.2307, 52.3807,
17.7193

■ 62.5930, 62.4683,
34.4689

■ 52.3116, 48.0151,
12.2067


■ 67.0979, 68.2252,
45.9990


■ 49.8530, 44.0756,
8.3729


■ 72.1886, 74.4786,
59.8048


■ 47.8111, 40.5391,
6.0048

■ 77.8898, 81.2434,
76.0025

 46.3370, 37.8046,
4.8548

 84.2247, 88.5333,
94.7002

 89.7655, 95.7817,
108.3643

 90.7720, 97.7946,
108.6998

Harmonies

Analogous

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



67.4310, 57.1896, 32.5613



58.6456, 57.1896, 25.0873



49.5972, 57.1896, 25.3922

Triad

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



58.6456, 57.1896, 25.0873



39.1815, 57.1896, 77.4030



68.0459, 57.1896, 103.9372

Complementary

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



58.6456, 57.1896, 25.0873



38.2111, 39.4468, 90.3937

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.



59.4119, 57.1896, 124.1036



58.6456, 57.1896, 25.0873



43.0926, 57.1896, 106.0918

Square

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



58.6456, 57.1896, 25.0873



39.0255, 57.1896, 51.0480



50.2827, 57.1896, 124.9872



73.2550, 57.1896, 75.0262

Rectangle

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



58.6456, 57.1896, 25.0873



44.6273, 57.1896, 29.8766



50.2827, 57.1896, 124.9872



65.4071, 57.1896, 112.2789

Sweetspot

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



58.6470, 57.1924, 25.0884



84.5351, 87.8632, 77.9791



50.9032, 34.9970, 43.1864



17.8052, 18.4640, 15.8691



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.



58.6470, 57.1924, 25.0884



61.3704, 58.0760, 19.2601



69.4715, 83.0144, 29.5021



17.2919, 18.0679, 17.3736



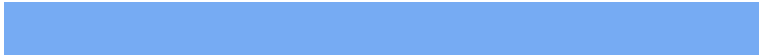
25.5680, 21.0215, 2.7100



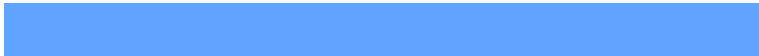
2.3489, 2.0510, 0.2721

Inverse Universe

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



38.2111, 39.4468, 90.3937



36.2315, 36.2807, 99.7010



31.3100, 23.8896, 87.7546



16.1587, 17.0816, 20.9880



11.6690, 9.1318, 47.6856



1.1251, 1.0016, 4.2243

Previews

White Background



This preview shows how the XYZ color 58.6456, 57.1896, 25.0873 looks on a white background.

Color Contrast Check

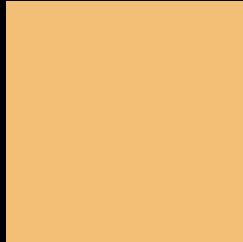
Large Text (above 18pt) WCAG AA × Fail

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 58.6456, 57.1896, 25.0873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

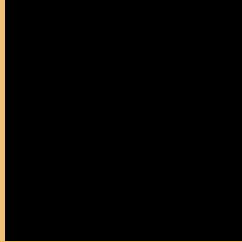
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6456, 57.1896, 25.0873

Background



This preview shows how black text looks on a background with the XYZ color 58.6456, 57.1896, 25.0873.



This preview shows how white text looks on a background with the XYZ color 58.6456, 57.1896,

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

58.6456, 57.1896, 25.0873

Protanopia

52.8497, 57.1574, 26.6594

Deuteranopia

58.3014, 57.0122, 25.0712



Tritanopia

65.7985, 57.3119, 59.2241

Trichromacy



Original Color

58.6456, 57.1896, 25.0873

Protanomaly

54.8697, 57.1912, 26.2362

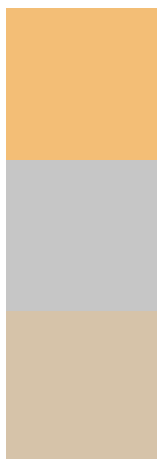
Deuteranomaly

58.3014, 57.0122, 25.0712

Tritanomaly

62.4733, 56.8452, 44.2387

Monochromacy



Original Color

58.6456, 57.1896, 25.0873

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.4081, 56.1909, 45.5144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6456, 57.1896, 25.0873 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, 190, 118)` looks like.

```
.text, #text, p{  
    color:rgb(243, 190, 118)  
}
```

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, 190, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 190, 118) }
```

Border

The CSS property to change the border of an element to XYZ 58.6456, 57.1896, 25.0873 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, 190, 118) }
```


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

```
.border{ border-color:rgb(243, 190, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 190, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 190, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 190, 118); box-shadow:4px 4px 4px 4px rgb(243, 190, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6456, 57.1896, 25.0873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 190, 118) }
```

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

```
.background{ background-color: rgb(243,  
190, 118) }
```

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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