

Converting Colors

XYZ(57.3033, 52.4672, 25.8459)

Have a look what the booklet for
XYZ(57.3033, 52.4672, 25.8459)
contains.

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Color

**XYZ(57.3033, 52.4672,
25.8459)**

Conversions

Conversions Part 1

Format	Color
Hex	F6B17B
RGB	246, 177, 123
RGB Percent	96%, 69%, 48%
CMY	0.0353, 0.3059, 0.5176
CMYK	0.00, 0.28, 0.50, 0.04
HSL	26°, 87%, 72%
HSV	26°, 50%, 96%
XYZ	57.3033, 52.4672, 25.8459
YIQ	191.4750, 58.4580, -2.1660

Conversions

Conversions Part 2

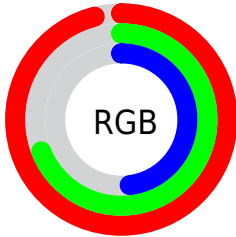
Format	Color
R _Y B	246, 219, 123
Decimal	16167291
CIE Lab	77.56, 19.12, 37.48
CIE LCh	78, 42.071, 62.969
Yxy	52.4672, 0.4225, 0.3869
Android (android.graphics.Color)	4294357371 (0xFFFF6B17B)
YUV	191.4750, -33.7582, 47.8184
Hunter-Lab	72.4342, 14.4528, 29.5482

Details

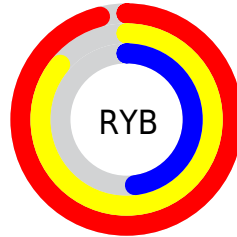
The XYZ color **57.3033, 52.4672, 25.8459** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.6516, 48.5618, 94.2610**, and the grayscale version is **49.9647, 52.5667, 57.2452**.

A 20% lighter version of the original color is **78.2154, 82.6724, 52.9093**, and **28.9038, 25.4611, 9.6944** is the 20% darker color. If you saturate the color by 10%, you get **53.3636, 46.7505, 17.8662**, and if you desaturate by 10%, it is **61.9081, 58.8951, 35.9570**.

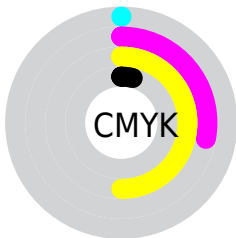
Distribution



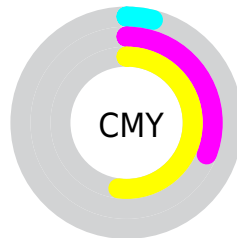
- Red (96%)
- Green (69%)
- Blue (48%)



- Red (96%)
- Yellow (86%)
- Blue (48%)



- Cyan (0%)
- Magenta (28%)
- Yellow (50%)
- Black (4%)




- Cyan (4%)
- Magenta (31%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3033, 52.4672, 25.8459 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 57.3033, 52.4672, 25.8459 by changing the saturation by 10% instead.


 57.3033, 52.4672,
25.8459

 57.3033, 52.4672,
25.8459


404.5807,
396.2376, 295.6062

 41.4899, 37.3776,
16.4837


 100.0364, 93.8199,
54.0073

 28.8914, 25.5000,
9.7090


 127.6868,
120.8518, 73.6435

 19.1426, 16.4500,
5.1034


 160.0136,
152.6332, 97.5414

 11.8780, 9.8431,
2.2482

197.3821,
189.5486, 126.1197

 6.7322, 5.2951,
0.7020

240.1578,
231.9824, 159.7967

 3.3400, 2.4214,
0.0000

288.7058,

 1.3360, 0.8369,

280.3189, 198.9911

0.0000

343.3917,
334.9425, 244.1214

■ 0.2099, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3033, 52.4672,
25.8459

■ 57.3033, 52.4672,
25.8459

■ 53.3636, 46.7505,
17.8662

■ 61.9081, 58.8951,
35.9570

■ 50.0475, 41.7091,
11.8565


■ 67.2084, 66.0526,
48.3386


■ 47.3139, 37.3149,
7.6369


■ 73.2373, 73.9670,
63.1214


■ 45.1135, 33.5340,
4.9923

■ 80.0241, 82.6616,
80.4251

 43.3698, 30.3205,
3.5667

 87.5966, 92.1586,
100.3617

 43.3696, 30.3203,
3.5666

 91.8158, 98.3327,
108.7486

Harmonies

Analogous

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



64.1421, 52.4672, 36.0927



57.3033, 52.4672, 25.8459



49.0645, 52.4672, 23.1065

Triad

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



57.3033, 52.4672, 25.8459



35.8495, 52.4672, 59.4743



58.8531, 52.4672, 103.4323

Complementary

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



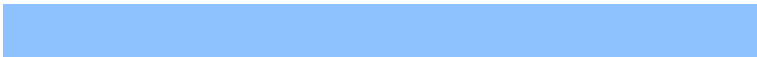
57.3033, 52.4672, 25.8459



43.6516, 48.5618, 94.2610

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.



50.6812, 52.4672, 114.4022



57.3033, 52.4672, 25.8459



37.8870, 52.4672, 85.0675

Square

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



57.3033, 52.4672, 25.8459



37.2180, 52.4672, 39.1263



43.1063, 52.4672, 106.9096



65.1029, 52.4672, 79.9452

Rectangle

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



57.3033, 52.4672, 25.8459



44.0226, 52.4672, 25.0647



43.1063, 52.4672, 106.9096



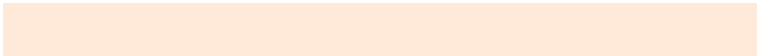
56.2103, 52.4672, 108.9560

Sweetspot

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



57.3046, 52.4698, 25.8469



83.0252, 84.8434, 77.4758



54.6813, 37.5960, 54.6518



17.4420, 17.7377, 15.7481



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.



57.3046, 52.4698, 25.8469



57.8594, 50.6615, 19.2995



72.0973, 82.0553, 30.7778



17.0978, 17.6798, 17.3090



23.2834, 16.4523, 1.9484



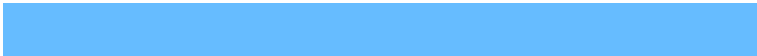
2.1469, 1.6470, 0.2047

Inverse Universe

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



43.6516, 48.5618, 94.2610



41.4747, 45.9352, 101.2882



32.9466, 27.1517, 90.6927



16.3523, 17.4689, 21.0525



13.8713, 13.5363, 48.4197



1.3214, 1.3942, 4.2897

Previews

White Background



This preview shows how the XYZ color 57.3033, 52.4672, 25.8459 looks on a white background.

Color Contrast Check

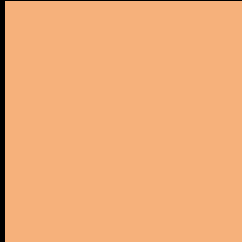
Large Text (above 18pt) WCAG AA × Fail

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 57.3033, 52.4672, 25.8459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

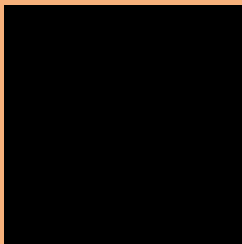
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3033, 52.4672, 25.8459

Background



This preview shows how black text looks on a background with the XYZ color 57.3033, 52.4672, 25.8459.



This preview shows how white text looks on a background with the XYZ color 57.3033, 52.4672,

25.8459.

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

57.3033, 52.4672, 25.8459

Protanopia

48.8245, 52.6941, 28.3665

Deuteranopia

53.7250, 52.4279, 25.7003



Tritanopia

62.4151, 52.2626, 51.0540

Trichromacy



Original Color

57.3033, 52.4672, 25.8459

Protanomaly

51.7253, 52.6025, 27.5058

Deuteranomaly

54.9618, 52.4574, 25.6408

Tritanomaly

60.2525, 52.2180, 40.6216

Monochromacy



Original Color

57.3033, 52.4672, 25.8459

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.3058, 51.7199, 43.3552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3033, 52.4672, 25.8459 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(246, 177, 123)` looks like.

```
.text, #text, p{  
    color:rgb(246, 177, 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(246, 177, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 177, 123) }
```

Border

The CSS property to change the border of an element to XYZ 57.3033, 52.4672, 25.8459 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(246, 177, 123) }
```


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

```
.border{ border-color:rgb(246, 177, 123) }
```

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

Here you see how a box with a 4 pixel rgb(246, 177, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 177, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 177, 123);  
box-shadow:4px 4px 4px 4px rgb(246, 177,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3033, 52.4672, 25.8459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 177, 123) }
```

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

```
.background{ background-color: rgb(246,  
177, 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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