

Converting Colors

XYZ(58.6150, 52.6776, 25.3065)

Have a look what the booklet for
XYZ(58.6150, 52.6776, 25.3065)
contains.

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Color

**XYZ(58.5648, 52.5497,
25.1456)**

Conversions

Conversions Part 1

Format	Color
Hex	FBAF79
RGB	251, 175, 121
RGB Percent	98%, 69%, 47%
CMY	0.0157, 0.3137, 0.5255
CMYK	0.00, 0.30, 0.52, 0.02
HSL	25°, 94%, 73%
HSV	25°, 52%, 98%
XYZ	58.5648, 52.5497, 25.1456
YIQ	191.5680, 62.6300, -0.6820

Conversions

Conversions Part 2

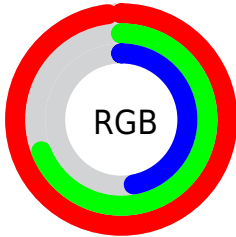
Format	Color
R _Y B	251, 213, 121
Decimal	16494457
CIE Lab	77.61, 21.99, 38.69
CIE LCh	78, 44.499, 60.391
Yxy	52.5497, 0.4298, 0.3857
Android (android.graphics.Color)	4294684537 (0xFFFBAF79)
YUV	191.5680, -34.7900, 52.1219
Hunter-Lab	72.4912, 17.3486, 30.1774

Details

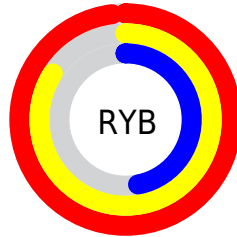
The XYZ color **58.5648, 52.5497, 25.1456** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.2629, 50.9600, 98.7169**, and the grayscale version is **50.0230, 52.6281, 57.3120**.

A 20% lighter version of the original color is **77.4559, 81.4678, 51.6869**, and **29.5827, 25.4504, 9.3145** is the 20% darker color. If you saturate the color by 10%, you get **54.5191, 46.6095, 17.1658**, and if you desaturate by 10%, it is **63.3238, 59.2759, 35.3396**.

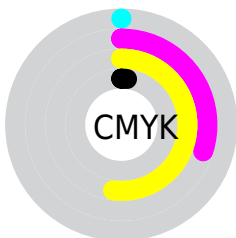
Distribution



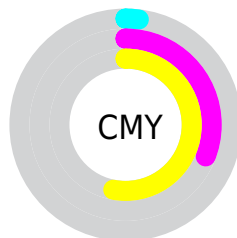
- Red (98%)
- Green (69%)
- Blue (47%)



- Red (98%)
- Yellow (84%)
- Blue (47%)



- Cyan (0%)
- Magenta (30%)
- Yellow (52%)
- Black (2%)





- Cyan (2%)
- Magenta (31%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5648, 52.5497, 25.1456 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 58.5648, 52.5497, 25.1456 by changing the saturation by 10% instead.


 58.5648, 52.5497,
25.1456

 58.5648, 52.5497,
25.1456


409.2072,
396.5551, 292.0331


 42.5079, 37.4434,
15.9656


 101.8631, 93.9414,
52.8604

 29.6920, 25.5510,
9.3457


 129.8353,
120.9957, 72.2322

 19.7519, 16.4880,
4.8675


 162.5099,
152.8013, 95.8383

 12.3220, 9.8702,
2.1123

200.2523,
189.7428, 124.0974

 7.0371, 5.3130,
0.6231

243.4279,
232.2046, 157.4278

 3.5319, 2.4320,
0.0000

292.4020,

 1.4409, 0.8423,

280.5709, 196.2482

0.0000

347.5400,
335.2263, 240.9772

■ 0.2851, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5648, 52.5497,
25.1456

■ 58.5648, 52.5497,
25.1456

■ 54.5191, 46.6095,
17.1658

■ 63.3238, 59.2759,
35.3396

■ 51.1412, 41.4151,
11.2265

■ 68.8301, 66.8105,
47.8970

■ 48.3856, 36.9337,
7.1328

■ 75.1196, 75.1844,
62.9576

■ 46.1971, 33.1257,
4.6493

■ 82.2250, 84.4245,
80.6494

■ 44.7613, 30.4648,
3.5211

■ 90.1764, 94.5564,
101.0914

■ 93.5934, 99.2491,
108.8318

Harmonies

Analogous

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



65.6008, 52.5497, 36.4591



58.5648, 52.5497, 25.1456



49.8342, 52.5497, 21.7403

Triad

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



58.5648, 52.5497, 25.1456



35.1773, 52.5497, 57.5412



58.7822, 52.5497, 108.5215

Complementary

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



58.5648, 52.5497, 25.1456



45.2629, 50.9600, 98.7169

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.



50.0598, 52.5497, 118.7921



58.5648, 52.5497, 25.1456



37.0052, 52.5497, 84.6557

Square

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



58.5648, 52.5497, 25.1456



36.9130, 52.5497, 36.8749



42.2188, 52.5497, 109.0170



65.7361, 52.5497, 83.9315

Rectangle

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



58.5648, 52.5497, 25.1456



44.4075, 52.5497, 23.3329



42.2188, 52.5497, 109.0170



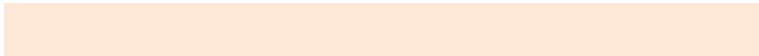
55.9289, 52.5497, 114.0324

Sweetspot

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



58.5661, 52.5523, 25.1466



82.0210, 83.3609, 75.5196



56.9299, 38.3079, 58.4267



17.2321, 17.4213, 15.3589



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.



58.5661, 52.5523, 25.1466



56.4157, 48.1666, 17.6085



73.8092, 83.0385, 30.2277



17.8370, 18.4098, 18.0757



23.6642, 16.2851, 1.8961



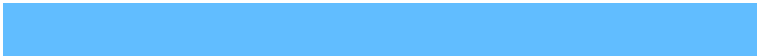
2.2936, 1.7120, 0.2096

Inverse Universe

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



45.2629, 50.9600, 98.7169



41.2357, 46.2890, 101.3691



33.8232, 28.0807, 94.9037



17.1262, 18.3291, 22.0205



14.7620, 14.8796, 50.0676



1.4718, 1.5873, 4.6720

Previews

White Background



This preview shows how the XYZ color 58.5648, 52.5497, 25.1456 looks on a white background.

Color Contrast Check

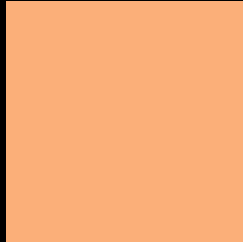
Large Text (above 18pt) WCAG AA × Fail

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 58.5648, 52.5497, 25.1456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

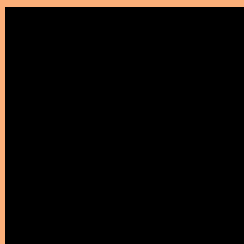
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5648, 52.5497, 25.1456

Background



This preview shows how black text looks on a background with the XYZ color 58.5648, 52.5497, 25.1456.



This preview shows how white text looks on a background with the XYZ color 58.5648, 52.5497,

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

58.5648, 52.5497, 25.1456

Protanopia

48.7583, 52.6677, 28.0181

Deuteranopia

53.7490, 52.7687, 24.8053



Tritanopia

63.4809, 52.5606, 49.9794

Trichromacy



Original Color

58.5648, 52.5497, 25.1456

Protanomaly

52.0010, 52.4458, 26.7843

Deuteranomaly

55.5106, 52.7545, 25.0262

Tritanomaly

61.6940, 52.6999, 39.7214

Monochromacy



Original Color

58.5648, 52.5497, 25.1456

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.8824, 52.0171, 43.3822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5648, 52.5497, 25.1456 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(251, 175, 121)` looks like.

```
.text, #text, p{  
    color:rgb(251, 175, 121)  
}
```

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(251, 175, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 175, 121) }
```

Border

The CSS property to change the border of an element to XYZ 58.5648, 52.5497, 25.1456 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(251, 175, 121) }
```


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

```
.border{ border-color:rgb(251, 175, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 175, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 175, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 175, 121);  
box-shadow:4px 4px 4px 4px rgb(251, 175,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5648, 52.5497, 25.1456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 175, 121) }
```

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

```
.background{ background-color: rgb(251,  
175, 121) }
```

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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