

Converting Colors

XYZ(58.2311, 49.4716, 25.3838)

Have a look what the booklet for
XYZ(58.2311, 49.4716, 25.3838)
contains.

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Color

**XYZ(58.3332, 49.6255,
25.5730)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA57C
RGB	255, 165, 124
RGB Percent	100%, 65%, 49%
CMY	0.0000, 0.3529, 0.5137
CMYK	0.00, 0.35, 0.51, 0.00
HSL	19°, 100%, 74%
HSV	19°, 51%, 100%
XYZ	58.3332, 49.6255, 25.5730
YIQ	187.2360, 66.8010, 6.3290

Conversions

Conversions Part 2

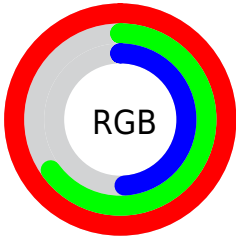
Format	Color
R _{YB}	255, 184, 124
Decimal	16754044
CIE Lab	75.84, 29.05, 34.95
CIE LCh	76, 45.445, 50.262
Yxy	49.6255, 0.4368, 0.3716
Android (android.graphics.Color)	4294944124 (0xFFFFA57C)
YUV	187.2360, -31.1753, 59.4290
Hunter-Lab	70.4454, 24.5298, 27.7884

Details

The XYZ color **58.3332, 49.6255, 25.5730** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.4074, 59.5954, 103.4536**, and the grayscale version is **47.5126, 49.9870, 54.4358**.

A 20% lighter version of the original color is **75.0323, 76.1472, 52.3382**, and **29.5359, 23.6849, 9.4935** is the 20% darker color. If you saturate the color by 10%, you get **53.9781, 43.1711, 17.1678**, and if you desaturate by 10%, it is **63.5404, 57.1172, 36.3200**.

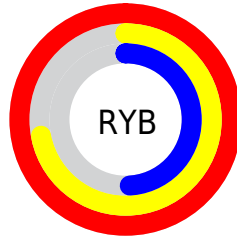
Distribution



Red (100%)

Green (65%)

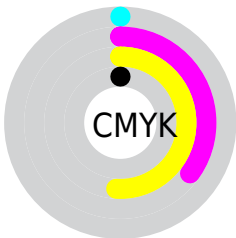
Blue (49%)



Red (100%)

Yellow (72%)

Blue (49%)

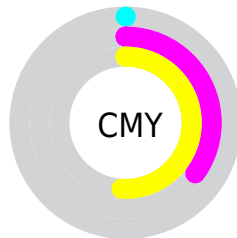


Cyan (0%)

Magenta (35%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3332, 49.6255, 25.5730 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 58.3332, 49.6255, 25.5730 by changing the saturation by 10% instead.


 58.3332, 49.6255,
25.5730

 58.3332, 49.6255,
25.5730


408.3602,
385.1996, 294.2181


 42.3209, 35.1159,
16.2816

 101.5281, 89.6198,
53.5609

 29.5448, 23.7522,
9.5671


 129.4414,
115.8732, 73.0944

 19.6397, 15.1499,
5.0111

 162.0524,
146.8101, 96.8791

 12.2402, 8.9247,
2.1949

199.7264,
182.8148, 125.3334

 6.9808, 4.6921,
0.6714

242.8289,
224.2717, 158.8759

 3.4963, 2.0677,
0.0000

291.7251,

 1.4213, 0.6464,

271.5652, 197.9252

0.0000

346.7804,
325.0797, 242.8997

■ 0.2714, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3332, 49.6255,
25.5730

■ 58.3332, 49.6255,
25.5730

■ 53.9781, 43.1711,
17.1678

■ 63.5404, 57.1172,
36.3200

■ 50.4213, 37.6986,
10.9227

■ 69.6420, 65.6835,
49.5659

■ 47.6074, 33.1579,
6.6336

■ 76.6815, 75.3688,
65.4575

■ 45.4711, 29.4906,
4.0548

■ 84.6983, 86.2126,
84.1292

■ 44.0954, 26.9710,
2.8818

■ 93.7296, 98.2526,
105.7063

■ 95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



64.1071, 49.6255, 39.4703



58.3332, 49.6255, 25.5730



49.9689, 49.6255, 19.9280

Triad

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



58.3332, 49.6255, 25.5730



32.9002, 49.6255, 46.5404



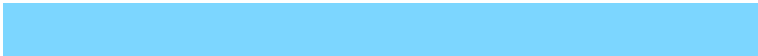
53.0199, 49.6255, 110.4840

Complementary

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



58.3332, 49.6255, 25.5730



50.4074, 59.5954, 103.4536

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.



44.4729, 49.6255, 114.0803



58.3332, 49.6255, 25.5730



33.5104, 49.6255, 71.7999

Square

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



58.3332, 49.6255, 25.5730



35.7461, 49.6255, 29.4153



37.5262, 49.6255, 98.2856



60.7945, 49.6255, 89.5657

Rectangle

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



58.3332, 49.6255, 25.5730



44.3323, 49.6255, 19.9660



37.5262, 49.6255, 98.2856



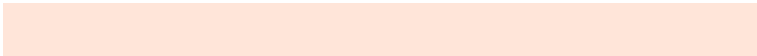
50.1211, 49.6255, 113.9587

Sweetspot

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



58.3344, 49.6280, 25.5739



81.6746, 82.1423, 77.0256



60.8036, 40.6180, 69.3980



17.1186, 17.0909, 15.6403



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.



58.3344, 49.6280, 25.5739



53.7320, 42.7991, 16.7139



72.8420, 78.6432, 30.4098



18.4732, 18.9147, 18.8216



23.1576, 14.3265, 1.5447



2.3475, 1.5804, 0.1813

Inverse Universe

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



50.4074, 59.5954, 103.4536



44.9229, 53.6634, 102.5981



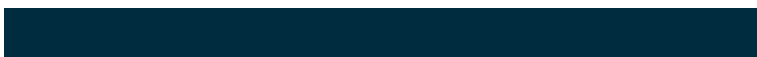
37.3008, 33.3822, 99.0848



18.0471, 19.4658, 23.0560



17.5995, 20.1086, 52.3883



1.8114, 2.1534, 5.1335

Previews

White Background



This preview shows how the XYZ color 58.3332, 49.6255, 25.5730 looks on a white background.

Color Contrast Check

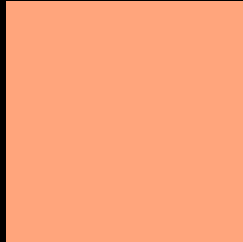
Large Text (above 18pt) WCAG AA × Fail

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 58.3332, 49.6255, 25.5730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

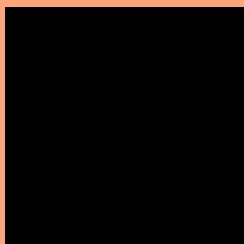
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3332, 49.6255, 25.5730

Background



This preview shows how black text looks on a background with the XYZ color 58.3332, 49.6255, 25.5730.



This preview shows how white text looks on a background with the XYZ color 58.3332, 49.6255,

25.5730.

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

58.3332, 49.6255, 25.5730

Protanopia

46.3611, 49.7907, 29.3574

Deuteranopia

50.6226, 49.6282, 25.0003



Tritanopia

61.4313, 49.7283, 45.3905

Trichromacy



Original Color

58.3332, 49.6255, 25.5730



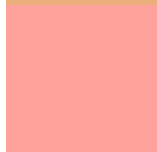
Protanomaly

49.9682, 49.2241, 27.9867



Deuteranomaly

53.2410, 49.5101, 25.1627



Tritanomaly

60.0767, 49.4672, 37.3921

Monochromacy



Original Color

58.3332, 49.6255, 25.5730



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

49.9723, 48.9176, 41.9302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3332, 49.6255, 25.5730 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(255, 165, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 124)  
}
```

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(255, 165, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 124) }
```

Border

The CSS property to change the border of an element to XYZ 58.3332, 49.6255, 25.5730 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(255, 165, 124) }
```


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

```
.border{ border-color:rgb(255, 165, 124) }
```

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

Here you see how a box with a 4 pixel rgb(255, 165, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3332, 49.6255, 25.5730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 124) }
```

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

```
.background{ background-color: rgb(255,  
165, 124) }
```

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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