

Converting Colors

XYZ(96.2931, 68.8751, 27.2034)

Have a look what the booklet for
XYZ(96.2931, 68.8751, 27.2034)
contains.

XYZ(58.1535, 49.2662, 25.5131)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.1535, 49.2662,
25.5131)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA47C
RGB	255, 164, 124
RGB Percent	100%, 64%, 49%
CMY	0.0000, 0.3568, 0.5137
CMYK	0.00, 0.36, 0.51, 0.00
HSL	18°, 100%, 74%
HSV	18°, 51%, 100%
XYZ	58.1535, 49.2662, 25.5131
YIQ	186.6490, 67.0760, 6.8520

Conversions

Conversions Part 2

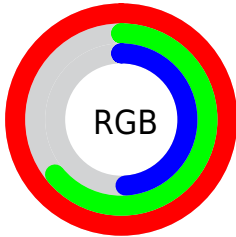
Format	Color
R _Y B	255, 182, 124
Decimal	16753788
CIE Lab	75.62, 29.57, 34.66
CIE LCh	76, 45.561, 49.528
Yxy	49.2662, 0.4375, 0.3706
Android (android.graphics.Color)	4294943868 (0xFFFFA47C)
YUV	186.6490, -30.8860, 59.9438
Hunter-Lab	70.1899, 25.0580, 27.5818

Details

The XYZ color **58.1535, 49.2662, 25.5131** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.6611, 60.1028, 103.5381**, and the grayscale version is **47.1795, 49.6365, 54.0542**.

A 20% lighter version of the original color is **74.7690, 75.6207, 52.2505**, and **29.4261, 23.4654, 9.4569** is the 20% darker color. If you saturate the color by 10%, you get **53.7925, 42.8000, 17.1059**, and if you desaturate by 10%, it is **63.3753, 56.7871, 36.2649**.

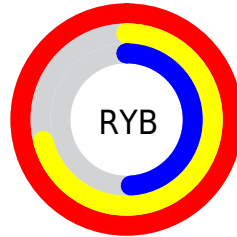
Distribution



Red (100%)

Green (64%)

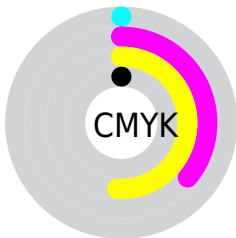
Blue (49%)



Red (100%)

Yellow (71%)

Blue (49%)

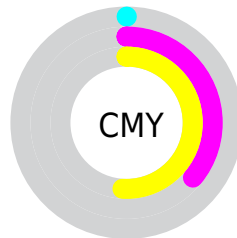


Cyan (0%)

Magenta (36%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1535, 49.2662, 25.5131 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 58.1535, 49.2662, 25.5131 by changing the saturation by 10% instead.

 58.1535, 49.2662,
25.5131


 58.1535, 49.2662,
25.5131


407.7023,
383.7893, 293.9127


 42.1758, 34.8307,
16.2373

 101.2680, 89.0867,
53.4628

 29.4307, 23.5325,
9.5360


 129.1356,
115.2405, 72.9738

 19.5528, 14.9872,
4.9909


 161.6971,
146.0691, 96.7335

 12.1768, 8.8104,
2.1833

199.3180,
181.9570, 125.1605

 6.9372, 4.6177,
0.6647

242.3637,
223.2886, 158.6734

 3.4689, 2.0248,
0.0000

291.1993,

 1.4063, 0.6218,

270.4483, 197.6907

0.0000

346.1904,
323.8204, 242.6310

■ 0.2607, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1535, 49.2662,
25.5131

■ 58.1535, 49.2662,
25.5131

■ 53.7925, 42.8000,
17.1059

■ 63.3753, 56.7871,
36.2649

■ 50.2378, 37.3316,
10.8615

■ 69.5008, 65.4011,
49.5188

■ 47.4333, 32.8097,
6.5756

■ 76.5739, 75.1538,
65.4216

■ 45.3128, 29.1742,
4.0021

■ 84.6348, 86.0858,
84.1080

■ 43.9553, 26.6909,
2.8352

■ 93.7210, 98.2356,
105.7034

■ 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.



63.8225, 49.2662, 39.5747



58.1535, 49.2662, 25.5131



49.8341, 49.2662, 19.7206

Triad

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



58.1535, 49.2662, 25.5131



32.6282, 49.2662, 45.6404



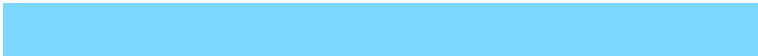
52.4553, 49.2662, 110.3599

Complementary

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



58.1535, 49.2662, 25.5131



50.6611, 60.1028, 103.5381

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.



43.9415, 49.2662, 113.4566



58.1535, 49.2662, 25.5131



33.1516, 49.2662, 70.7021

Square

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



58.1535, 49.2662, 25.5131



35.5471, 49.2662, 28.8026



37.0742, 49.2662, 97.2675



60.2693, 49.2662, 89.7635

Rectangle

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



58.1535, 49.2662, 25.5131



44.1942, 49.2662, 19.6525



37.0742, 49.2662, 97.2675



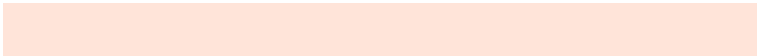
49.5604, 49.2662, 113.6756

Sweetspot

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



58.1547, 49.2687, 25.5140



81.5941, 81.9811, 76.9988



60.8035, 40.6179, 69.3979



17.0994, 17.0524, 15.6339



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.



58.1547, 49.2687, 25.5140



53.5463, 42.4278, 16.6520



72.8419, 78.6430, 30.4098



18.4617, 18.8916, 18.8177



23.0824, 14.1760, 1.5197



2.3390, 1.5634, 0.1785

Inverse Universe

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



50.6611, 60.1028, 103.5381



45.2136, 54.2448, 102.6950



37.3008, 33.3821, 99.0846



18.0592, 19.4901, 23.0601



17.7977, 20.5049, 52.4544



1.8295, 2.1897, 5.1395

Previews

White Background



This preview shows how the XYZ color 58.1535, 49.2662, 25.5131 looks on a white background.

Color Contrast Check

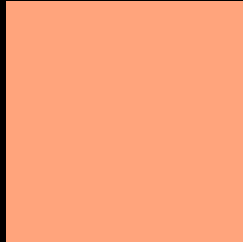
Large Text (above 18pt) WCAG AA × Fail

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 58.1535, 49.2662, 25.5131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

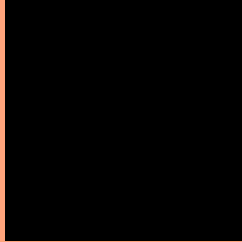
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1535, 49.2662, 25.5131

Background



This preview shows how black text looks on a background with the XYZ color 58.1535, 49.2662, 25.5131.



This preview shows how white text looks on a background with the XYZ color 58.1535, 49.2662,

25.5131.

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

58.1535, 49.2662, 25.5131

Protanopia

46.0914, 49.6516, 29.3447

Deuteranopia

50.4229, 49.2288, 24.9337



Tritanopia

61.1615, 49.3419, 44.8285

Trichromacy



Original Color

58.1535, 49.2662, 25.5131

Protanomaly

49.9682, 49.2241, 27.9867

Deuteranomaly

53.0485, 49.1251, 25.0985

Tritanomaly

59.8176, 49.0828, 36.8931

Monochromacy



Original Color

58.1535, 49.2662, 25.5131

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 58.1535, 49.2662, 25.5131 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, 164, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 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, 164, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 124) }
```

Border

The CSS property to change the border of an element to XYZ 58.1535, 49.2662, 25.5131 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, 164, 124) }
```


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

```
.border{ border-color:rgb(255, 164, 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, 164, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1535, 49.2662, 25.5131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 124) }
```

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

```
.background{ background-color: rgb(255,  
164, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor