

Converting Colors

XYZ(60.6581, 50.2123, 27.0714)

Have a look what the booklet for
XYZ(60.6581, 50.2123, 27.0714)
contains.

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Color

**XYZ(58.2335, 49.0129,
26.8133)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA380
RGB	255, 163, 128
RGB Percent	100%, 64%, 50%
CMY	0.0000, 0.3608, 0.4980
CMYK	0.00, 0.36, 0.50, 0.00
HSL	17°, 100%, 75%
HSV	17°, 50%, 100%
XYZ	58.2335, 49.0129, 26.8133
YIQ	186.5180, 66.0670, 8.6190

Conversions

Conversions Part 2

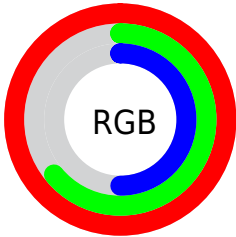
Format	Color
RYB	255, 176, 128
Decimal	16753536
CIELab	75.46, 30.45, 32.33
CIElCh	75, 44.408, 46.718
Yxy	49.0129, 0.4344, 0.3656
Android (android.graphics.Color)	4294943616 (0xFFFFA380)
YUV	186.5180, -28.8494, 60.0587
Hunter-Lab	70.0092, 25.9598, 26.2986

Details

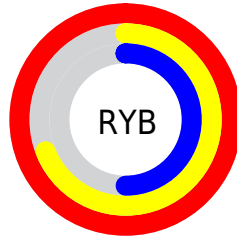
The XYZ color **58.2335, 49.0129, 26.8133** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **52.5440, 62.9927, 103.9969**, and the grayscale version is **47.0950, 49.5476, 53.9573**.

A 20% lighter version of the original color is **74.9120, 75.2592, 54.2943**, and **29.4568, 23.3040, 10.1533** is the 20% darker color. If you saturate the color by 10%, you get **53.7177, 42.3384, 18.0421**, and if you desaturate by 10%, it is **63.6525, 56.8190, 37.9670**.

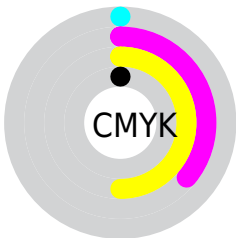
Distribution



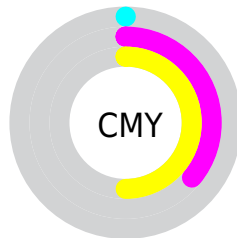
- Red (100%)
- Green (64%)
- Blue (50%)



- Red (100%)
- Yellow (69%)
- Blue (50%)



- Cyan (0%)
- Magenta (36%)
- Yellow (50%)
- Black (0%)





- Cyan (0%)
- Magenta (36%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2335, 49.0129, 26.8133 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 58.2335, 49.0129, 26.8133 by changing the saturation by 10% instead.


 58.2335, 49.0129,
26.8133


 58.2335, 49.0129,
26.8133


407.9953,
382.7931, 300.4835


 42.2404, 34.6297,
17.2019


 101.3838, 88.7106,
55.5842

 29.4815, 23.3778,
10.2150


 129.2717,
114.7939, 75.5808

 19.5915, 14.8727,
5.4343


 161.8553,
145.5461, 99.8761

 12.2050, 8.7301,
2.4411

199.4999,
181.3514, 128.8888

 6.9566, 4.5656,
0.8087

242.5708,
222.5944, 163.0373

 3.4811, 1.9947,
0.0000

291.4335,

 1.4130, 0.6044,

269.6595, 202.7403

0.0000

346.4532,
322.9309, 248.4162

■ 0.2654, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2335, 49.0129,
26.8133

■ 58.2335, 49.0129,
26.8133

■ 53.7177, 42.3384,
18.0421

■ 63.6525, 56.8190,
37.9670

■ 50.0486, 36.7340,
11.4740

■ 70.0193, 65.7998,
51.6589

■ 47.1683, 32.1429,
6.9084

■ 77.3799, 76.0050,
68.0347

■ 45.0089, 28.4996,
4.1061

■ 85.7759, 87.4790,
87.2283

■ 43.4737, 25.7232, 95.0499, 99.9999,
2.6882 108.9000

■ 43.4481, 25.6763,
2.6661

Harmonies

Analogous

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



63.3480, 49.0129, 41.4193



58.2335, 49.0129, 26.8133



50.2965, 49.0129, 20.4142

Triad

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



58.2335, 49.0129, 26.8133



32.8818, 49.0129, 43.6641



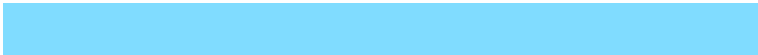
51.2623, 49.0129, 109.2412

Complementary

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



58.2335, 49.0129, 26.8133



52.5440, 62.9927, 103.9969

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.



43.0613, 49.0129, 110.3732



58.2335, 49.0129, 26.8133



33.0759, 49.0129, 67.4156

Square

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



58.2335, 49.0129, 26.8133



36.0387, 49.0129, 28.0397



36.6042, 49.0129, 93.3783



59.0115, 49.0129, 90.6298

Rectangle

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



58.2335, 49.0129, 26.8133



44.7678, 49.0129, 19.9454



36.6042, 49.0129, 93.3783



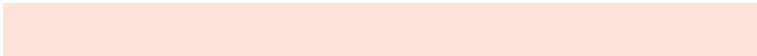
48.4513, 49.0129, 111.8347

Sweetspot

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



58.2347, 49.0154, 26.8142



81.2812, 81.3554, 76.8945



62.0282, 41.9263, 73.3233



17.0247, 16.9030, 15.6090



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.



58.2347, 49.0154, 26.8142



53.6377, 42.2181, 17.8923



72.1608, 76.8675, 31.4563



18.4168, 18.8018, 18.8028



22.8090, 13.6292, 1.4285



2.3076, 1.5005, 0.1680

Inverse Universe

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



52.5440, 62.9927, 103.9969



47.2804, 57.5466, 103.2234



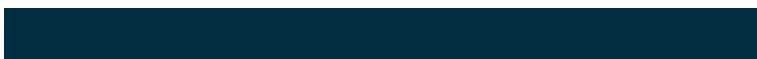
39.1169, 36.1385, 99.5212



18.1067, 19.5850, 23.0759



18.5969, 22.1033, 52.7208



1.9023, 2.3353, 5.1638

Previews

White Background



This preview shows how the XYZ color 58.2335, 49.0129, 26.8133 looks on a white background.

Color Contrast Check

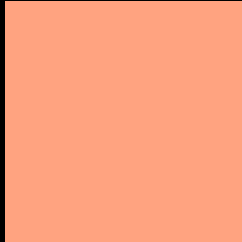
Large Text (above 18pt) WCAG AA × Fail

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 58.2335, 49.0129, 26.8133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

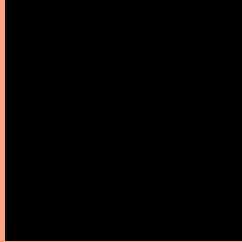
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2335, 49.0129, 26.8133

Background



This preview shows how black text looks on a background with the XYZ color 58.2335, 49.0129, 26.8133.



This preview shows how white text looks on a background with the XYZ color 58.2335, 49.0129,

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

58.2335, 49.0129, 26.8133

Protanopia

45.9658, 49.2321, 31.1249

Deuteranopia

50.0535, 49.0094, 26.2237



Tritanopia

60.8938, 48.9586, 44.2707

Trichromacy



Original Color

58.2335, 49.0129, 26.8133

Protanomaly

49.7387, 48.7777, 29.3478

Deuteranomaly

52.9704, 49.0557, 26.4155

Tritanomaly

59.7272, 48.7682, 37.2756

Monochromacy



Original Color

58.2335, 49.0129, 26.8133

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.9547, 48.5910, 42.8225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2335, 49.0129, 26.8133 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, 163, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 128)  
}
```

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, 163, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 128) }
```

Border

The CSS property to change the border of an element to XYZ 58.2335, 49.0129, 26.8133 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, 163, 128) }
```


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

```
.border{ border-color:rgb(255, 163, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2335, 49.0129, 26.8133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 128) }
```

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

```
.background{ background-color: rgb(255,  
163, 128) }
```

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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