

Converting Colors

XYZ(70.6563, 55.7648, 25.5628)

Have a look what the booklet for
XYZ(70.6563, 55.7648, 25.5628)
contains.

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Color

**XYZ(58.0283, 49.2161,
24.8536)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA47A
RGB	255, 164, 122
RGB Percent	100%, 64%, 48%
CMY	0.0000, 0.3568, 0.5216
CMYK	0.00, 0.36, 0.52, 0.00
HSL	19°, 100%, 74%
HSV	19°, 52%, 100%
XYZ	58.0283, 49.2161, 24.8536
YIQ	186.4210, 67.7180, 6.2300

Conversions

Conversions Part 2

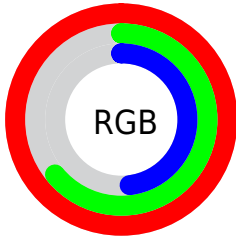
Format	Color
R _Y B	255, 183, 122
Decimal	16753786
CIE Lab	75.59, 29.40, 35.68
CIE LCh	76, 46.232, 50.508
Yxy	49.2161, 0.4393, 0.3726
Android (android.graphics.Color)	4294943866 (0xFFFFA47A)
YUV	186.4210, -31.7596, 60.1438
Hunter-Lab	70.1542, 24.8771, 28.1032

Details

The XYZ color **58.0283, 49.2161, 24.8536** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **49.8689, 58.9431, 103.3561**, and the grayscale version is **47.0556, 49.5062, 53.9122**.

A 20% lighter version of the original color is **74.3094, 75.0182, 51.1209**, and **29.3598, 23.4389, 9.1076** is the 20% darker color. If you saturate the color by 10%, you get **53.7399, 42.8449, 16.6253**, and if you desaturate by 10%, it is **63.1619, 56.6147, 35.4093**.

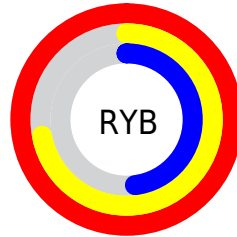
Distribution



Red (100%)

Green (64%)

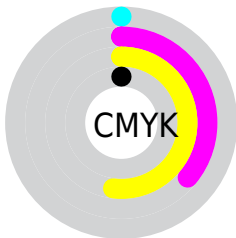
Blue (48%)



Red (100%)

Yellow (72%)

Blue (48%)

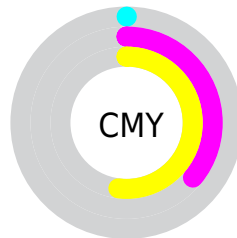


Cyan (0%)

Magenta (36%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0283, 49.2161, 24.8536 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 58.0283, 49.2161, 24.8536 by changing the saturation by 10% instead.


 58.0283, 49.2161,
24.8536


 58.0283, 49.2161,
24.8536


407.2435,
383.5924, 290.5324


 42.0747, 34.7909,
15.7500


 101.0868, 89.0123,
52.3808

 29.3512, 23.5019,
9.1950


 128.9225,
115.1522, 71.6415

 19.4923, 14.9645,
4.7700


 161.4495,
145.9657, 95.1249

 12.1326, 8.7945,
2.0566

199.0334,
181.8373, 123.2496

 6.9069, 4.6074,
0.5898

242.0393,
223.1514, 156.4342

 3.4498, 2.0188,
0.0000

290.8328,

 1.3958, 0.6184,

270.2924, 195.0971

0.0000

345.7791,
323.6446, 239.6570

■ 0.2533, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0283, 49.2161,
24.8536

■ 58.0283, 49.2161,
24.8536

■ 53.7399, 42.8449,
16.6253

■ 63.1619, 56.6147,
35.4093

■ 50.2426, 37.4457,
10.5412

■ 69.1831, 65.0777,
48.4508

■ 47.4809, 32.9686,
6.3946

■ 76.1353, 74.6493,
64.1258

■ 45.3886, 29.3555,
3.9358

■ 84.0581, 85.3689,
82.5695

■ 44.1480, 27.0763,
2.8994

■ 92.9885, 97.2739,
103.9078

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.



63.9219, 49.2161, 38.7317



58.0283, 49.2161, 24.8536



49.5414, 49.2161, 19.2796

Triad

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



58.0283, 49.2161, 24.8536



32.3689, 49.2161, 46.1947



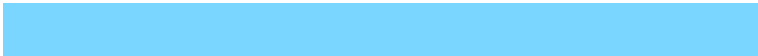
52.7757, 49.2161, 110.8674

Complementary

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



58.0283, 49.2161, 24.8536



49.8689, 58.9431, 103.3561

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.



44.1202, 49.2161, 114.7079



58.0283, 49.2161, 24.8536



33.0119, 49.2161, 71.8270

Square

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



58.0283, 49.2161, 24.8536



35.2071, 49.2161, 28.8817



37.0855, 49.2161, 98.7361



60.6422, 49.2161, 89.4415

Rectangle

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



58.0283, 49.2161, 24.8536



43.8447, 49.2161, 19.3530



37.0855, 49.2161, 98.7361



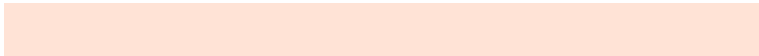
49.8402, 49.2161, 114.4674

Sweetspot

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



58.0295, 49.2186, 24.8545



80.8958, 81.1106, 75.1446



60.4781, 40.0908, 68.9082



16.9655, 16.8881, 15.2700



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.



58.0295, 49.2186, 24.8545



53.4151, 42.3525, 16.0318



72.6063, 78.3722, 29.7135



18.4775, 18.9232, 18.8230



23.1859, 14.3830, 1.5542



2.3507, 1.5867, 0.1824

Inverse Universe

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



49.8689, 58.9431, 103.3561



44.3570, 52.9281, 102.4860



36.7606, 32.7266, 98.9866



18.0426, 19.4569, 23.0546



17.5272, 19.9639, 52.3642



1.8047, 2.1402, 5.1312

Previews

White Background



This preview shows how the XYZ color 58.0283, 49.2161, 24.8536 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 58.0283, 49.2161, 24.8536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

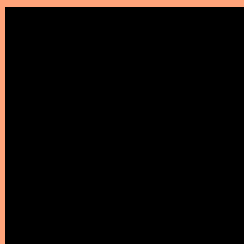
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0283, 49.2161, 24.8536

Background



This preview shows how black text looks on a background with the XYZ color 58.0283, 49.2161, 24.8536.



This preview shows how white text looks on a background with the XYZ color 58.0283, 49.2161,

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

58.0283, 49.2161, 24.8536

Protanopia

45.9545, 49.5968, 28.6238

Deuteranopia

50.3015, 49.1803, 24.2943



Tritanopia

61.1615, 49.3419, 44.8285

Trichromacy



Original Color

58.0283, 49.2161, 24.8536

Protanomaly

49.8352, 49.1709, 27.2864

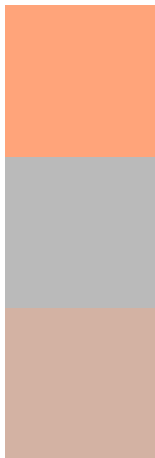
Deuteranomaly

52.9258, 49.0761, 24.4524

Tritanomaly

59.7346, 49.0496, 36.4562

Monochromacy



Original Color

58.0283, 49.2161, 24.8536

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.3952, 48.3340, 41.3763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0283, 49.2161, 24.8536 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, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 122)  
}
```

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, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 122) }
```

Border

The CSS property to change the border of an element to XYZ 58.0283, 49.2161, 24.8536 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, 122) }
```


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

```
.border{ border-color:rgb(255, 164, 122) }
```

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, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0283, 49.2161, 24.8536 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, 122) }
```

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

```
.background{ background-color: rgb(255,  
164, 122) }
```

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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