

Converting Colors

XYZ(57.8254, 49.0209, 24.1364)

Have a look what the booklet for
XYZ(57.8254, 49.0209, 24.1364)
contains.

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Color

**XYZ(57.9056, 49.1670,
24.2075)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA478
RGB	255, 164, 120
RGB Percent	100%, 64%, 47%
CMY	0.0000, 0.3568, 0.5294
CMYK	0.00, 0.36, 0.53, 0.00
HSL	20°, 100%, 74%
HSV	20°, 53%, 100%
XYZ	57.9056, 49.1670, 24.2075
YIQ	186.1930, 68.3600, 5.6080

Conversions

Conversions Part 2

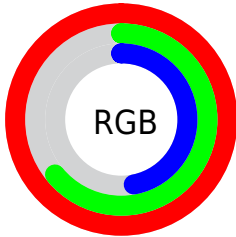
Format	Color
RYB	255, 185, 120
Decimal	16753784
CIELab	75.56, 29.23, 36.69
CIELCh	76, 46.915, 51.455
Yxy	49.1670, 0.4411, 0.3745
Android (android.graphics.Color)	4294943864 (0xFFFFA478)
YUV	186.1930, -32.6331, 60.3437
Hunter-Lab	70.1192, 24.6997, 28.6145

Details

The XYZ color **57.9056, 49.1670, 24.2075** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **49.0886, 57.7986, 103.1763**, and the grayscale version is **46.9319, 49.3760, 53.7705**.

A 20% lighter version of the original color is **74.1143, 74.9402, 50.0938**, and **29.2956, 23.4132, 8.7695** is the 20% darker color. If you saturate the color by 10%, you get **53.6884, 42.8884, 16.1567**, and if you desaturate by 10%, it is **62.9529, 56.4468, 34.5686**.

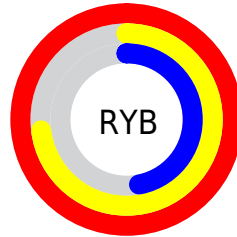
Distribution



Red (100%)

Green (64%)

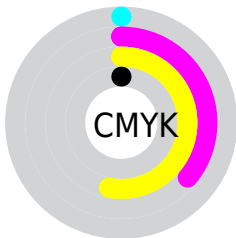
Blue (47%)



Red (100%)

Yellow (73%)

Blue (47%)

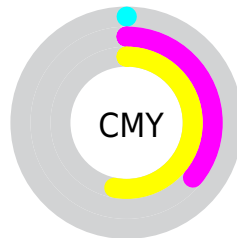


Cyan (0%)

Magenta (36%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9056, 49.1670, 24.2075 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 57.9056, 49.1670, 24.2075 by changing the saturation by 10% instead.


 57.9056, 49.1670,
24.2075

 57.9056, 49.1670,
24.2075


406.7936,
383.3994, 287.1881


 41.9757, 34.7520,
15.2740


 100.9091, 88.9394,
51.3167

 29.2733, 23.4719,
8.8632


 128.7135,
115.0656, 70.3294

 19.4330, 14.9423,
4.5564


 161.2068,
145.8643, 93.5390

 12.0894, 8.7789,
1.9353

198.7542,
181.7200, 121.3639

 6.8772, 4.5973,
0.5151

241.7213,
223.0169, 154.2228

 3.4311, 2.0130,
0.0000

290.4733,

 1.3856, 0.6150,

270.1395, 192.5340

0.0000

345.3756,
323.4722, 236.7163

■ 0.2459, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9056, 49.1670,
24.2075

■ 57.9056, 49.1670,
24.2075

■ 53.6884, 42.8884,
16.1567

■ 62.9529, 56.4468,
34.5686

■ 50.2478, 37.5571,
10.2314

■ 68.8722, 64.7635,
47.3994

■ 47.5284, 33.1246,
6.2227

■ 75.7067, 74.1600,
62.8484

■ 45.4643, 29.5343,
3.8768

■ 83.4952, 84.6747,
81.0514

■ 44.3425, 27.4652,
2.9642

■ 92.2745, 96.3436,
102.1346

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.



64.0232, 49.1670, 37.9044



57.9056, 49.1670, 24.2075



49.2521, 49.1670, 18.8459

Triad

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



57.9056, 49.1670, 24.2075



32.1117, 49.1670, 46.7510



53.0970, 49.1670, 111.3807

Complementary

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



57.9056, 49.1670, 24.2075



49.0886, 57.7986, 103.1763

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.



44.2989, 49.1670, 115.9696



57.9056, 49.1670, 24.2075



32.8729, 49.1670, 72.9607

Square

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



57.9056, 49.1670, 24.2075



34.8708, 49.1670, 28.9595



37.0966, 49.1670, 100.2176



61.0169, 49.1670, 89.1262

Rectangle

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



57.9056, 49.1670, 24.2075



43.4992, 49.1670, 19.0566



37.0966, 49.1670, 100.2176



50.1206, 49.1670, 115.2661

Sweetspot

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



57.9068, 49.1695, 24.2084



81.0091, 81.3372, 75.1823



59.8717, 39.4593, 66.9137



16.9923, 16.9417, 15.2789



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.



57.9068, 49.1695, 24.2084



53.2882, 42.2796, 15.4316



72.9965, 79.3488, 29.2383



18.4929, 18.9539, 18.8281



23.2901, 14.5914, 1.5889



2.3623, 1.6099, 0.1862

Inverse Universe

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



49.0886, 57.7986, 103.1763



43.5176, 51.6329, 102.2803



35.8833, 31.3880, 98.7745



18.0265, 19.4247, 23.0492



17.2696, 19.4488, 52.2784



1.7811, 2.0928, 5.1234

Previews

White Background



This preview shows how the XYZ color 57.9056, 49.1670, 24.2075 looks on a white background.

Color Contrast Check

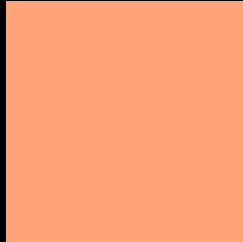
Large Text (above 18pt) WCAG AA × Fail

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 57.9056, 49.1670, 24.2075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

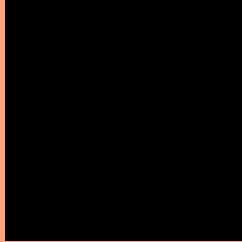
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9056, 49.1670, 24.2075

Background



This preview shows how black text looks on a background with the XYZ color 57.9056, 49.1670, 24.2075.



This preview shows how white text looks on a background with the XYZ color 57.9056, 49.1670,

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

57.9056, 49.1670, 24.2075

Protanopia

45.8785, 49.2593, 27.8588

Deuteranopia

50.1826, 49.1327, 23.6683



Tritanopia

61.0665, 49.3039, 44.3283

Trichromacy



Original Color

57.9056, 49.1670, 24.2075

Protanomaly

49.5051, 48.7193, 26.5332

Deuteranomaly

52.8057, 49.0280, 23.8197

Tritanomaly

59.6524, 49.0167, 36.0229

Monochromacy



Original Color

57.9056, 49.1670, 24.2075

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.3060, 48.2983, 40.9062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9056, 49.1670, 24.2075 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 120)  
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 120) }
```

Border

The CSS property to change the border of an element to XYZ 57.9056, 49.1670, 24.2075 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, 120) }
```


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

```
.border{ border-color:rgb(255, 164, 120) }
```

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, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 120);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9056, 49.1670, 24.2075 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, 120) }
```

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

```
.background{ background-color: rgb(255,  
164, 120) }
```

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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