

Converting Colors

XYZ(57.3126, 47.9677, 24.0505)

Have a look what the booklet for
XYZ(57.3126, 47.9677, 24.0505)
contains.

XYZ(57.3750, 48.1058, 24.0307)	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(57.3750, 48.1058,
24.0307)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA178
RGB	255, 161, 120
RGB Percent	100%, 63%, 47%
CMY	0.0000, 0.3686, 0.5294
CMYK	0.00, 0.37, 0.53, 0.00
HSL	18°, 100%, 74%
HSV	18°, 53%, 100%
XYZ	57.3750, 48.1058, 24.0307
YIQ	184.4320, 69.1850, 7.1770

Conversions

Conversions Part 2

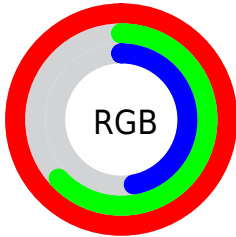
Format	Color
R_{YB}	255, 179, 120
Decimal	16753016
CIE _{Lab}	74.89, 30.80, 35.85
CIE _{LCh}	75, 47.257, 49.333
Yxy	48.1058, 0.4430, 0.3714
Android (android.graphics.Color)	4294943096 (0xFFFFA178)
YUV	184.4320, -31.7650, 61.8881
Hunter-Lab	69.3583, 26.2827, 28.0085

Details

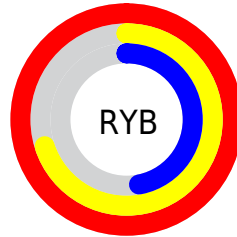
The XYZ color **57.3750, 48.1058, 24.0307** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **49.8409, 59.3033, 103.4270**, and the grayscale version is **45.9436, 48.3363, 52.6382**.

A 20% lighter version of the original color is **73.3387, 73.3889, 49.8353**, and **29.0056, 22.7822, 8.8299** is the 20% darker color. If you saturate the color by 10%, you get **53.1432, 41.7980, 15.9750**, and if you desaturate by 10%, it is **62.4617, 55.4644, 34.4049**.

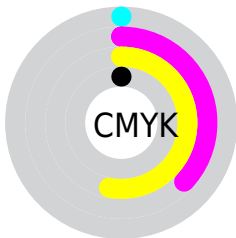
Distribution



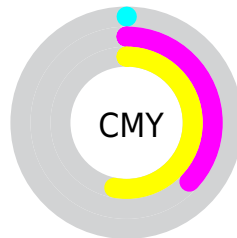
- Red (100%)
- Green (63%)
- Blue (47%)



- Red (100%)
- Yellow (70%)
- Blue (47%)



- Cyan (0%)
- Magenta (37%)
- Yellow (53%)
- Black (0%)





- Cyan (0%)
- Magenta (37%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3750, 48.1058, 24.0307 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 57.3750, 48.1058, 24.0307 by changing the saturation by 10% instead.


 57.3750, 48.1058,
24.0307


 57.3750, 48.1058,
24.0307


404.8445,
379.2113, 286.2672


 41.5477, 33.9107,
15.1440


 100.1404, 87.3619,
51.0248

 28.9369, 22.8250,
8.7728

 127.8091,
113.1917, 69.9692

 19.1771, 14.4643,
4.4985

 160.1558,
143.6685, 93.1032

 11.9031, 8.4443,
1.9026

197.5456,
179.1767, 120.8455

 6.7494, 4.3806,
0.4944

240.3441,
220.1006, 153.6145

 3.3508, 1.8886,
0.0000

288.9165,

 1.3419, 0.5415,

266.8248, 191.8287

0.0000

343.6282,
319.7336, 235.9068

■ 0.2142, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3750, 48.1058,
24.0307

■ 57.3750, 48.1058,
24.0307

■ 53.1432, 41.7980,
15.9750

■ 62.4617, 55.4644,
34.4049

■ 49.7109, 36.4833,
10.0525

■ 68.4471, 63.9132,
47.2578

■ 47.0207, 32.1092,
6.0535

■ 75.3758, 73.4983,
62.7382

■ 45.0043, 28.6142,
3.7234

■ 83.2883, 84.2610,
80.9825

■ 43.9257, 26.6317,
2.8253

■ 92.2227, 96.2402,
102.1175

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.



63.1803, 48.1058, 38.2053



57.3750, 48.1058, 24.0307



48.8545, 48.1058, 18.2487

Triad

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



57.3750, 48.1058, 24.0307



31.3145, 48.1058, 44.0887



51.4225, 48.1058, 111.0229

Complementary

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



57.3750, 48.1058, 24.0307



49.8409, 59.3033, 103.4270

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.



42.7285, 48.1058, 114.1094



57.3750, 48.1058, 24.0307



31.8200, 48.1058, 69.6852

Square

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



57.3750, 48.1058, 24.0307



34.2861, 48.1058, 27.1704



35.7663, 48.1058, 97.1703



59.4567, 48.1058, 89.7239

Rectangle

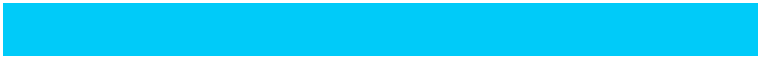
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.3750, 48.1058, 24.0307



43.0919, 48.1058, 18.1541



35.7663, 48.1058, 97.1703



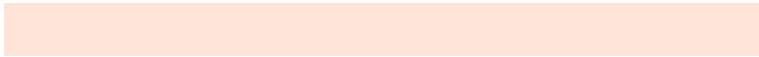
48.4594, 48.1058, 114.4314

Sweetspot

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



57.3762, 48.1082, 24.0316



80.7610, 80.8410, 75.0996



60.1580, 39.5739, 68.4216



16.9336, 16.8243, 15.2594



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.



57.3762, 48.1082, 24.0316



52.7428, 41.1888, 15.2498



72.3734, 78.1027, 29.0307



18.4592, 18.8866, 18.8169



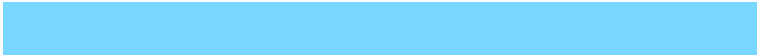
23.0665, 14.1442, 1.5144



2.3372, 1.5598, 0.1779

Inverse Universe

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



49.8409, 59.3033, 103.4270



44.3776, 53.3528, 102.5669



36.2298, 32.0810, 98.8900



18.0619, 19.4953, 23.0610



17.8407, 20.5910, 52.4687



1.8334, 2.1976, 5.1408

Previews

White Background



This preview shows how the XYZ color 57.3750, 48.1058, 24.0307 looks on a white background.

Color Contrast Check

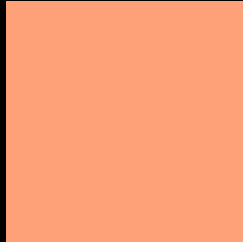
Large Text (above 18pt) WCAG AA × Fail

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 57.3750, 48.1058, 24.0307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

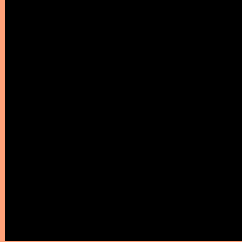
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3750, 48.1058, 24.0307

Background



This preview shows how black text looks on a background with the XYZ color 57.3750, 48.1058, 24.0307.



This preview shows how white text looks on a background with the XYZ color 57.3750, 48.1058,

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

57.3750, 48.1058, 24.0307

Protanopia

44.9314, 48.4517, 28.1031

Deuteranopia

49.3645, 48.4166, 23.5732



Tritanopia

60.2720, 48.1640, 42.6791

Trichromacy



Original Color

57.3750, 48.1058, 24.0307

Protanomaly

48.5046, 47.6171, 26.3732

Deuteranomaly

52.0939, 48.0960, 23.6774

Tritanomaly

58.9719, 47.9157, 34.9947

Monochromacy



Original Color

57.3750, 48.1058, 24.0307

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

48.5367, 47.3255, 40.2948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3750, 48.1058, 24.0307 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, 161, 120)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 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, 161, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 120) }
```

Border

The CSS property to change the border of an element to XYZ 57.3750, 48.1058, 24.0307 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, 161, 120) }
```


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

```
.border{ border-color:rgb(255, 161, 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, 161, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 120);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3750, 48.1058, 24.0307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 120) }
```

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

```
.background{ background-color: rgb(255,  
161, 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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