

Converting Colors

XYZ(67.6917, 52.6620, 25.6575)

Have a look what the booklet for
XYZ(67.6917, 52.6620, 25.6575)
contains.

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Color

**XYZ(57.1050, 47.1690,
25.1635)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9E7C
RGB	255, 158, 124
RGB Percent	100%, 62%, 49%
CMY	0.0000, 0.3804, 0.5137
CMYK	0.00, 0.38, 0.51, 0.00
HSL	16°, 100%, 74%
HSV	16°, 51%, 100%
XYZ	57.1050, 47.1690, 25.1635
YIQ	183.1270, 68.7260, 9.9900

Conversions

Conversions Part 2

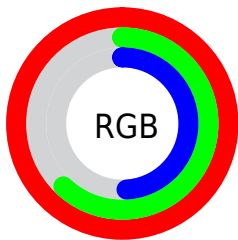
Format	Color
R _Y B	255, 170, 124
Decimal	16752252
CIE Lab	74.30, 32.69, 32.95
CIE LCh	74, 46.416, 45.227
Yxy	47.1690, 0.4412, 0.3644
Android (android.graphics.Color)	4294942332 (0xFFFF9E7C)
YUV	183.1270, -29.1496, 63.0326
Hunter-Lab	68.6797, 28.2277, 26.3526

Details

The XYZ color **57.1050, 47.1690, 25.1635** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **52.2172, 63.2148, 104.0571**, and the grayscale version is **45.2092, 47.5636, 51.7967**.

A 20% lighter version of the original color is **72.9701, 72.0228, 51.6508**, and **28.8273, 22.2133, 9.4248** is the 20% darker color. If you saturate the color by 10%, you get **52.7192, 40.6533, 16.7480**, and if you desaturate by 10%, it is **62.4048, 54.8458, 35.9413**.

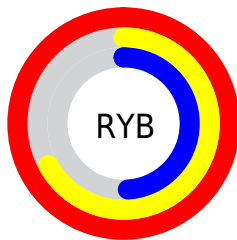
Distribution



Red (100%)

Green (62%)

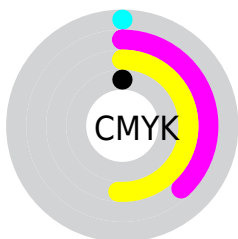
Blue (49%)



Red (100%)

Yellow (67%)

Blue (49%)

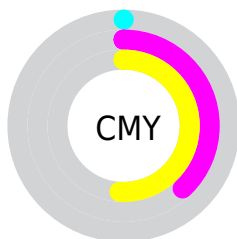


Cyan (0%)

Magenta (38%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (38%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1050, 47.1690, 25.1635 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 57.1050, 47.1690, 25.1635 by changing the saturation by 10% instead.


 57.1050, 47.1690,
25.1635

 57.1050, 47.1690,
25.1635


403.8505,
375.4887, 292.1249


 41.3300, 33.1693,
15.9788


 99.7489, 85.9658,
52.8898

 28.7659, 22.2562,
9.3549


 127.3484,
111.5317, 72.2684

 19.0472, 14.0452,
4.8735


 159.6203,
141.7218, 95.8820

 11.8086, 8.1521,
2.1158

196.9297,
176.9205, 124.1493

 6.6847, 4.1925,
0.6251

239.6421,
217.5121, 157.4886

 3.3103, 1.7818,
0.0000

288.1227,

 1.3199, 0.4758,

263.8811, 196.3187

0.0000

342.7371,
316.4118, 241.0579

■ 0.1980, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1050, 47.1690,
25.1635

■ 57.1050, 47.1690,
25.1635

■ 52.7192, 40.6533,
16.7480

■ 62.4048, 54.8458,
35.9413

■ 49.1887, 35.2333,
10.5117

■ 68.6655, 63.7304,
49.2402

■ 46.4524, 30.8478,
6.2486

■ 75.9349, 73.8756,
65.2084

■ 44.4388, 27.4259,
3.7107

■ 84.2564, 85.3288,
83.9817

■ 43.1995, 25.1792,
2.5832

■ 93.6707, 98.1348,
105.6865

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



62.1587, 47.1690, 40.2141



57.1050, 47.1690, 25.1635



49.0484, 47.1690, 18.5154

Triad

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



57.1050, 47.1690, 25.1635



31.0428, 47.1690, 40.5135



49.1788, 47.1690, 109.6569

Complementary

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



57.1050, 47.1690, 25.1635



52.2172, 63.2148, 104.0571

Split Complementary

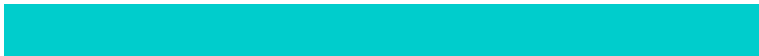
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.8658, 47.1690, 109.8131



57.1050, 47.1690, 25.1635



31.0686, 47.1690, 64.3934

Square

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



57.1050, 47.1690, 25.1635



34.3828, 47.1690, 25.3238



34.4581, 47.1690, 91.3588



57.2106, 47.1690, 90.9815

Rectangle

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



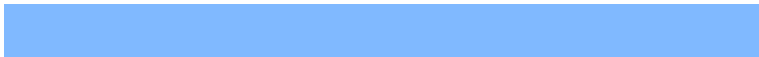
57.1050, 47.1690, 25.1635



43.3873, 47.1690, 17.8510



34.4581, 47.1690, 91.3588



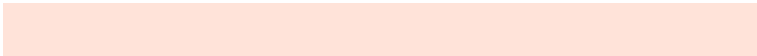
46.3099, 47.1690, 112.0311

Sweetspot

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



57.1062, 47.1714, 25.1644



81.1133, 81.0197, 76.8385



61.6661, 40.9629, 73.9396



16.9846, 16.8229, 15.5956



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.



57.1062, 47.1714, 25.1644



52.4730, 40.2813, 16.2943



71.0658, 75.0907, 29.8176



18.3927, 18.7535, 18.7947



22.6743, 13.3599, 1.3836



2.2917, 1.4687, 0.1627

Inverse Universe

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



52.2172, 63.2148, 104.0571



47.0053, 57.8282, 103.2923



38.3772, 35.5349, 99.4437



18.1324, 19.6363, 23.0845



19.0456, 23.0008, 52.8704



1.9429, 2.4165, 5.1773

Previews

White Background



This preview shows how the XYZ color 57.1050, 47.1690, 25.1635 looks on a white background.

Color Contrast Check

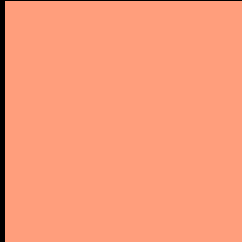
Large Text (above 18pt) WCAG AA × Fail

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 57.1050, 47.1690, 25.1635 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 57.1050, 47.1690, 25.1635

Background



This preview shows how black text looks on a background with the XYZ color 57.1050, 47.1690, 25.1635.



This preview shows how white text looks on a background with the XYZ color 57.1050, 47.1690,

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

57.1050, 47.1690, 25.1635

Protanopia

44.3326, 47.4866, 29.7509

Deuteranopia

48.2964, 47.2561, 24.6650



Tritanopia

59.5871, 47.0878, 41.5456

Trichromacy



Original Color

57.1050, 47.1690, 25.1635

Protanomaly

48.1462, 46.8162, 27.9716

Deuteranomaly

51.3051, 47.1047, 24.8004

Tritanomaly

58.4664, 46.9047, 34.8262

Monochromacy



Original Color

57.1050, 47.1690, 25.1635

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.9521, 46.4360, 40.6181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1050, 47.1690, 25.1635 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, 158, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 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, 158, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 124) }
```

Border

The CSS property to change the border of an element to XYZ 57.1050, 47.1690, 25.1635 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, 158, 124) }
```


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

```
.border{ border-color:rgb(255, 158, 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, 158, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1050, 47.1690, 25.1635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 124) }
```

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

```
.background{ background-color: rgb(255,  
158, 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](#).

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