

Converting Colors

XYZ(118.5128, 79.4577,
28.1113)

Have a look what the booklet for
XYZ(118.5128, 79.4577, 28.1113)
contains.

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Color

**XYZ(57.4489, 47.8568,
25.2782)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA07C
RGB	255, 160, 124
RGB Percent	100%, 63%, 49%
CMY	0.0000, 0.3725, 0.5137
CMYK	0.00, 0.37, 0.51, 0.00
HSL	16°, 100%, 74%
HSV	16°, 51%, 100%
XYZ	57.4489, 47.8568, 25.2782
YIQ	184.3010, 68.1760, 8.9440

Conversions

Conversions Part 2

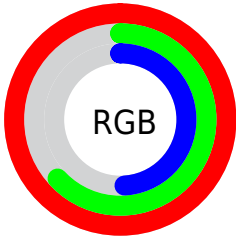
Format	Color
R _Y B	255, 174, 124
Decimal	16752764
CIE Lab	74.73, 31.65, 33.52
CIE LCh	75, 46.102, 46.639
Yxy	47.8568, 0.4399, 0.3665
Android (android.graphics.Color)	4294942844 (0xFFFFA07C)
YUV	184.3010, -29.7284, 62.0030
Hunter-Lab	69.1786, 27.1715, 26.7602

Details

The XYZ color **57.4489, 47.8568, 25.2782** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **51.6924, 62.1653, 103.8821**, and the grayscale version is **45.8604, 48.2487, 52.5429**.

A 20% lighter version of the original color is **73.4763, 73.0352, 51.8196**, and **28.9994, 22.6119, 9.3147** is the 20% darker color. If you saturate the color by 10%, you get **53.0693, 41.3535, 16.8648**, and if you desaturate by 10%, it is **62.7245, 55.4853, 36.0480**.

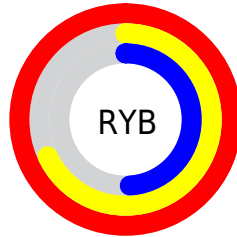
Distribution



Red (100%)

Green (63%)

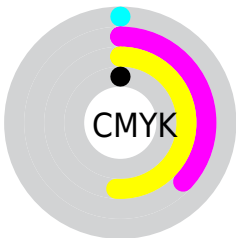
Blue (49%)



Red (100%)

Yellow (68%)

Blue (49%)

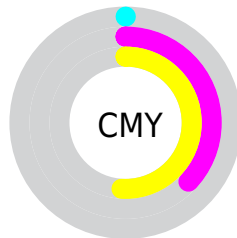


Cyan (0%)

Magenta (37%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4489, 47.8568, 25.2782 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 57.4489, 47.8568, 25.2782 by changing the saturation by 10% instead.


 57.4489, 47.8568,
25.2782


 57.4489, 47.8568,
25.2782


405.1163,
378.2242, 292.7125

 41.6073, 33.7135,
16.0635


 100.2475, 86.9912,
53.0779

 28.9837, 22.6736,
9.4143


 127.9352,
112.7510, 72.5000

 19.2127, 14.3527,
4.9119


 160.3023,
143.1518, 96.1617

 11.9290, 8.3664,
2.1378

197.7141,
178.5780, 124.4815

 6.7672, 4.3303,
0.6381

240.5361,
219.4139, 157.8779

 3.3620, 1.8600,
0.0000

289.1336,

 1.3479, 0.5241,

266.0440, 196.7695

0.0000

343.8718,
318.8527, 241.5749

■ 0.2187, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4489, 47.8568,
25.2782

■ 57.4489, 47.8568,
25.2782

■ 53.0693, 41.3535,
16.8648

■ 62.7245, 55.4853,
36.0480

■ 49.5285, 35.9130,
10.6251

■ 68.9417, 64.2828,
49.3324

■ 46.7673, 31.4776,
6.3536

■ 76.1469, 74.2995,
65.2792

■ 44.7159, 27.9802,
3.8031

■ 84.3823, 85.5805,
84.0238

■ 43.4355, 25.6512,
2.6619

■ 93.6876, 98.1686,
105.6923

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.



62.7049, 47.8568, 39.9988



57.4489, 47.8568, 25.2782



49.3059, 47.8568, 18.9096

Triad

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



57.4489, 47.8568, 25.2782



31.5624, 47.8568, 42.1704



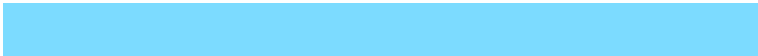
50.2495, 47.8568, 109.8836

Complementary

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



57.4489, 47.8568, 25.2782



51.6924, 62.1653, 103.8821

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.



41.8695, 47.8568, 111.0087



57.4489, 47.8568, 25.2782



31.7494, 47.8568, 66.4432

Square

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



57.4489, 47.8568, 25.2782



34.7652, 47.8568, 26.4459



35.3118, 47.8568, 93.2900



58.2123, 47.8568, 90.5701

Rectangle

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



57.4489, 47.8568, 25.2782



43.6521, 47.8568, 18.4363



35.3118, 47.8568, 93.2900



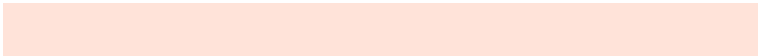
47.3715, 47.8568, 112.5692

Sweetspot

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



57.4501, 47.8592, 25.2791



81.2730, 81.3390, 76.8917



61.3749, 40.8465, 72.4059



17.0227, 16.8991, 15.6083



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.



57.4501, 47.8592, 25.2791



52.8230, 40.9811, 16.4109



71.6504, 76.2598, 30.0125



18.4156, 18.7994, 18.8024



22.8022, 13.6156, 1.4263



2.3068, 1.4989, 0.1677

Inverse Universe

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



51.6924, 62.1653, 103.8821



46.3992, 56.6160, 103.0902



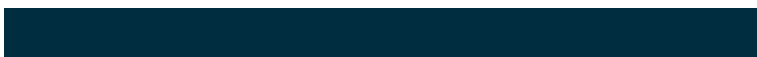
38.0119, 34.8043, 99.3219



18.1079, 19.5875, 23.0763



18.6185, 22.1465, 52.7280



1.9042, 2.3392, 5.1644

Previews

White Background



This preview shows how the XYZ color 57.4489, 47.8568, 25.2782 looks on a white background.

Color Contrast Check

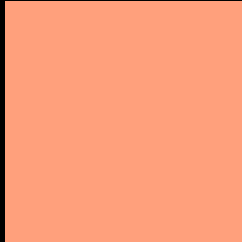
Large Text (above 18pt) WCAG AA × Fail

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 57.4489, 47.8568, 25.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

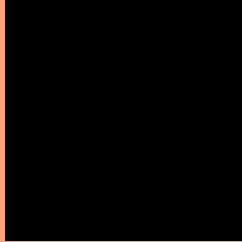
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4489, 47.8568, 25.2782

Background



This preview shows how black text looks on a background with the XYZ color 57.4489, 47.8568, 25.2782.



This preview shows how white text looks on a background with the XYZ color 57.4489, 47.8568,

25.2782.

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

57.4489, 47.8568, 25.2782

Protanopia

44.7323, 48.0080, 29.4631

Deuteranopia

48.7953, 47.8033, 24.7443



Tritanopia

60.1035, 47.8270, 42.6229

Trichromacy



Original Color

57.4489, 47.8568, 25.2782

Protanomaly

48.5727, 47.3317, 27.6950

Deuteranomaly

51.4918, 47.4782, 24.8627

Tritanomaly

58.8829, 47.6083, 35.3640

Monochromacy



Original Color

57.4489, 47.8568, 25.2782

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

48.4299, 46.9702, 40.6960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4489, 47.8568, 25.2782 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, 160, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 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, 160, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 124) }
```

Border

The CSS property to change the border of an element to XYZ 57.4489, 47.8568, 25.2782 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, 160, 124) }
```


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

```
.border{ border-color:rgb(255, 160, 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, 160, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4489, 47.8568, 25.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 124) }
```

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

```
.background{ background-color: rgb(255,  
160, 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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