

Converting Colors

XYZ(58.5696, 50.2587, 25.1571)

Have a look what the booklet for
XYZ(58.5696, 50.2587, 25.1571)
contains.

XYZ(58.5716, 50.3026, 25.0347)	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(58.5716, 50.3026,
25.0347)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA77A
RGB	255, 167, 122
RGB Percent	100%, 65%, 48%
CMY	0.0000, 0.3451, 0.5216
CMYK	0.00, 0.35, 0.52, 0.00
HSL	20°, 100%, 74%
HSV	20°, 52%, 100%
XYZ	58.5716, 50.3026, 25.0347
YIQ	188.1820, 66.8930, 4.6610

Conversions

Conversions Part 2

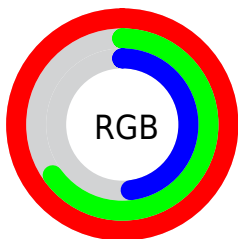
Format	Color
R _Y B	255, 190, 122
Decimal	16754554
CIE Lab	76.25, 27.84, 36.53
CIE LCh	76, 45.932, 52.694
Yxy	50.3026, 0.4374, 0.3756
Android (android.graphics.Color)	4294944634 (0xFFFFA77A)
YUV	188.1820, -32.6277, 58.5994
Hunter-Lab	70.9243, 23.2935, 28.7190

Details

The XYZ color **58.5716, 50.3026, 25.0347** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **49.1214, 57.4481, 103.1070**, and the grayscale version is **48.0577, 50.5604, 55.0603**.

A 20% lighter version of the original color is **75.3655, 77.1305, 51.4729**, and **29.6927, 24.1046, 9.2186** is the 20% darker color. If you saturate the color by 10%, you get **54.3024, 43.9699, 16.8128**, and if you desaturate by 10%, it is **63.6610, 57.6126, 35.5757**.

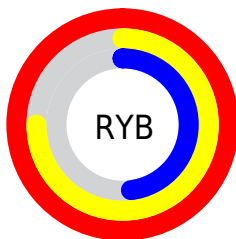
Distribution



Red (100%)

Green (65%)

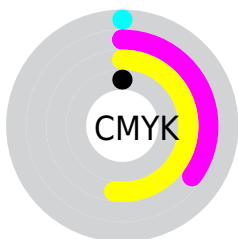
Blue (48%)



Red (100%)

Yellow (75%)

Blue (48%)

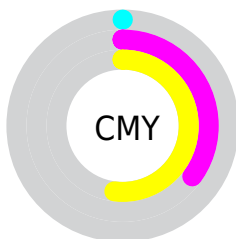


Cyan (0%)

Magenta (35%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5716, 50.3026, 25.0347 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 58.5716, 50.3026, 25.0347 by changing the saturation by 10% instead.


 58.5716, 50.3026,
25.0347

 58.5716, 50.3026,
25.0347


409.2321,
387.8481, 291.4639


 42.5134, 35.6539,
15.8837

 101.8730, 90.6231,
52.6783

 29.6964, 24.1670,
9.2884


 129.8468,
117.0636, 72.0080

 19.7552, 15.4576,
4.8304


 162.5233,
148.2036, 95.5676

 12.3244, 9.1411,
2.0911

200.2677,
184.4273, 123.7757

 7.0388, 4.8334,
0.6105

243.4455,
226.1192, 157.0509

 3.5329, 2.1498,
0.0000

292.4219,

 1.4414, 0.6924,

273.6637, 195.8116

0.0000

347.5623,
327.4452, 240.4764

■ 0.2855, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5716, 50.3026,
25.0347

■ 58.5716, 50.3026,
25.0347

■ 54.3024, 43.9699,
16.8128

■ 63.6610, 57.6126,
35.5757

■ 50.8011, 38.5626,
10.7274

■ 69.6110, 65.9335,
48.5936

■ 48.0141, 34.0351,
6.5724

■ 76.4639, 75.3063,
64.2354

■ 45.8777, 30.3335,
4.0988

■ 84.2574, 85.7675,
82.6361

■ 44.5908, 27.9618,
3.0470

■ 93.0275, 97.3516,
103.9209

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.



64.7828, 50.3026, 38.4283



58.5716, 50.3026, 25.0347



49.9490, 50.3026, 19.9006

Triad

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



58.5716, 50.3026, 25.0347



33.1887, 50.3026, 48.9562



54.4923, 50.3026, 111.2440

Complementary

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



58.5716, 50.3026, 25.0347



49.1214, 57.4481, 103.1070

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.



45.7351, 50.3026, 116.6020



58.5716, 50.3026, 25.0347



34.0971, 50.3026, 75.1929

Square

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



58.5716, 50.3026, 25.0347



35.8066, 50.3026, 30.7532



38.4565, 50.3026, 101.8452



62.2372, 50.3026, 88.8546

Rectangle

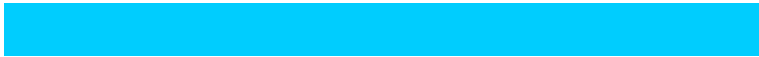
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.5716, 50.3026, 25.0347



44.2620, 50.3026, 20.2976



38.4565, 50.3026, 101.8452



51.5451, 50.3026, 115.3247

Sweetspot

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



58.5728, 50.3051, 25.0357



81.1483, 81.6156, 75.2287



59.9158, 39.8659, 65.9463



17.0252, 17.0076, 15.2899



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.



58.5728, 50.3051, 25.0357



53.9781, 43.4785, 16.2194



73.8446, 80.8486, 30.1262



18.5117, 18.9916, 18.8344



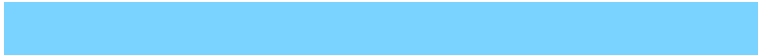
23.4229, 14.8570, 1.6332



2.3769, 1.6392, 0.1911

Inverse Universe

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



49.1214, 57.4481, 103.1070



43.5043, 51.2227, 102.2018



36.0750, 31.3551, 98.7582



18.0068, 19.3853, 23.0426



16.9607, 18.8309, 52.1754



1.7526, 2.0359, 5.1139

Previews

White Background



This preview shows how the XYZ color 58.5716, 50.3026, 25.0347 looks on a white background.

Color Contrast Check

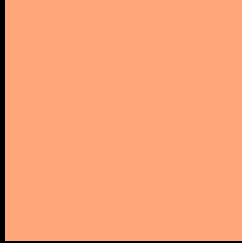
Large Text (above 18pt) WCAG AA × Fail

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 58.5716, 50.3026, 25.0347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

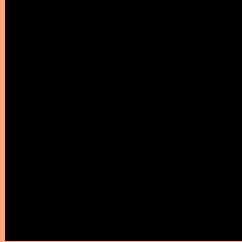
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5716, 50.3026, 25.0347

Background



This preview shows how black text looks on a background with the XYZ color 58.5716, 50.3026, 25.0347.



This preview shows how white text looks on a background with the XYZ color 58.5716, 50.3026,

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

58.5716, 50.3026, 25.0347

Protanopia

46.9818, 50.4425, 28.7329

Deuteranopia

51.3296, 50.3053, 24.4573



Tritanopia

61.8003, 50.1567, 46.4684

Trichromacy



Original Color

58.5716, 50.3026, 25.0347

Protanomaly

50.6490, 49.8890, 27.3821

Deuteranomaly

53.6452, 50.0205, 24.5968

Tritanomaly

60.4319, 50.1775, 37.5105

Monochromacy



Original Color

58.5716, 50.3026, 25.0347

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.1735, 49.3199, 41.9972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5716, 50.3026, 25.0347 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, 167, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 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, 167, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 122) }
```

Border

The CSS property to change the border of an element to XYZ 58.5716, 50.3026, 25.0347 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, 167, 122) }
```


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

```
.border{ border-color:rgb(255, 167, 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, 167, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5716, 50.3026, 25.0347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 122) }
```

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

```
.background{ background-color: rgb(255,  
167, 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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