

Converting Colors

XYZ(73.5434, 58.6462, 28.4584)

Have a look what the booklet for
XYZ(73.5434, 58.6462, 28.4584)
contains.

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Color

**XYZ(59.4572, 51.2476,
27.8771)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA982
RGB	255, 169, 130
RGB Percent	100%, 66%, 51%
CMY	0.0000, 0.3372, 0.4902
CMYK	0.00, 0.34, 0.49, 0.00
HSL	19°, 100%, 75%
HSV	19°, 49%, 100%
XYZ	59.4572, 51.2476, 27.8771
YIQ	190.2680, 63.7750, 6.1030

Conversions

Conversions Part 2

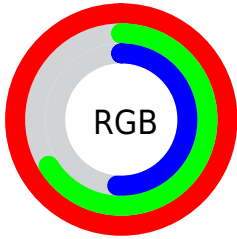
Format	Color
R_{YB}	255, 187, 130
Decimal	16755074
CIE _{Lab}	76.83, 27.50, 33.05
CIE _{LCh}	77, 42.995, 50.243
Yxy	51.2476, 0.4290, 0.3698
Android (android.graphics.Color)	4294945154 (0xFFFFA982)
YUV	190.2680, -29.7121, 56.7700
Hunter-Lab	71.5874, 22.9758, 27.0229

Details

The XYZ color **59.4572, 51.2476, 27.8771** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **51.8105, 61.0747, 103.6653**, and the grayscale version is **49.2394, 51.8037, 56.4142**.

A 20% lighter version of the original color is **76.7125, 78.5293, 55.9142**, and **30.1990, 24.6721, 10.7599** is the 20% darker color. If you saturate the color by 10%, you get **54.9056, 44.5525, 18.9363**, and if you desaturate by 10%, it is **64.8734, 58.9932, 39.1992**.

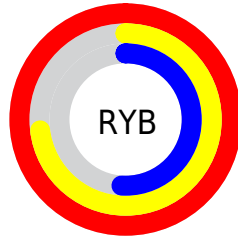
Distribution



Red (100%)

Green (66%)

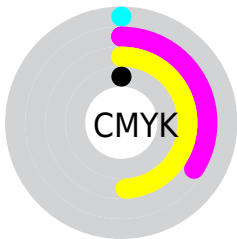
Blue (51%)



Red (100%)

Yellow (73%)

Blue (51%)

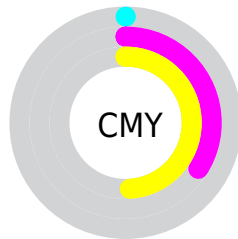


Cyan (0%)

Magenta (34%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4572, 51.2476, 27.8771 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 59.4572, 51.2476, 27.8771 by changing the saturation by 10% instead.


 59.4572, 51.2476,
27.8771


 59.4572, 51.2476,
27.8771


412.4610,
391.5250, 305.7726


 43.2291, 36.4057,
17.9948


 103.1527, 92.0207,
57.3089

 30.2602, 24.7477,
10.7769


 131.3508,
118.7206, 77.6955

 20.1852, 15.8892,
5.8047


 164.2695,
150.1420, 102.4206

 12.6388, 9.4458,
2.6598

202.2743,
186.6693, 131.9027

 7.2556, 5.0331,
0.9231

245.7305,
228.6869, 166.5605

 3.6702, 2.2667,
0.0000

295.0034,

 1.5173, 0.7560,

276.5791, 206.8123

0.0000

350.4585,
330.7303, 253.0769

■ 0.3376, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4572, 51.2476,
27.8771

■ 59.4572, 51.2476,
27.8771

■ 54.9056, 44.5525,
18.9363

■ 64.8734, 58.9932,
39.1992

■ 51.1654, 38.8529,
12.2001

■ 71.1953, 67.8258,
53.0561

■ 48.1832, 34.0998,
7.4714

■ 78.4659, 77.7895,
69.5917

■ 45.8958, 30.2364,
4.5159

■ 86.7242, 88.9234,
88.9380

■ 44.2178, 27.1939,
2.9903

95.0499, 99.9999,
108.9000

■ 44.0773, 26.9348,
2.8758

Harmonies

Analogous

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



64.9767, 51.2476, 41.6419



59.4572, 51.2476, 27.8771



51.4191, 51.2476, 22.1789

Triad

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



59.4572, 51.2476, 27.8771



34.8153, 51.2476, 48.5205



54.3467, 51.2476, 109.5194

Complementary

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



59.4572, 51.2476, 27.8771



51.8105, 61.0747, 103.6653

Split Complementary

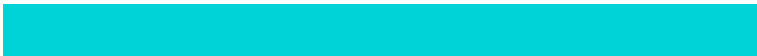
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



46.0964, 51.2476, 112.8877



59.4572, 51.2476, 27.8771



35.4125, 51.2476, 72.8504

Square

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



59.4572, 51.2476, 27.8771



37.6079, 51.2476, 31.6984



39.3416, 51.2476, 98.0016



61.8050, 51.2476, 89.7833

Rectangle

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



59.4572, 51.2476, 27.8771



45.9702, 51.2476, 22.2147



39.3416, 51.2476, 98.0016



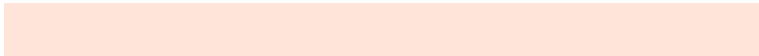
51.5551, 51.2476, 112.7819

Sweetspot

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



59.4585, 51.2501, 27.8781



81.6643, 82.1217, 77.0222



61.8123, 42.2614, 70.8867



17.1162, 17.0860, 15.6395



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.



59.4585, 51.2501, 27.8781



54.9136, 44.5644, 18.9512



73.5660, 79.4653, 32.5806



18.4718, 18.9117, 18.8211



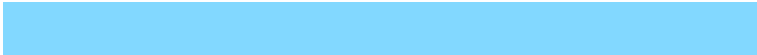
23.1479, 14.3070, 1.5415



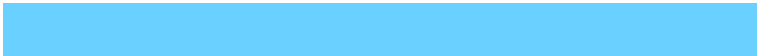
2.3464, 1.5782, 0.1809

Inverse Universe

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



51.8105, 61.0747, 103.6653



46.3917, 55.3334, 102.8431



38.9776, 35.4090, 99.3877



18.0487, 19.4689, 23.0566



17.6247, 20.1590, 52.3967



1.8137, 2.1581, 5.1342

Previews

White Background



This preview shows how the XYZ color 59.4572, 51.2476, 27.8771 looks on a white background.

Color Contrast Check

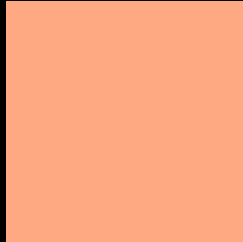
Large Text (above 18pt) WCAG AA × Fail

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 59.4572, 51.2476, 27.8771 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 59.4572, 51.2476, 27.8771

Background



This preview shows how black text looks on a background with the XYZ color 59.4572, 51.2476, 27.8771.



This preview shows how white text looks on a background with the XYZ color 59.4572, 51.2476,

27.8771.

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

59.4572, 51.2476, 27.8771

Protanopia

47.9755, 51.5284, 31.8435

Deuteranopia

52.6191, 51.5084, 27.5909



Tritanopia

62.5316, 51.3049, 47.6813

Trichromacy



Original Color

59.4572, 51.2476, 27.8771

Protanomaly

51.6033, 50.9214, 30.4016

Deuteranomaly

54.9445, 51.2064, 27.7568

Tritanomaly

61.1342, 51.0356, 39.4296

Monochromacy



Original Color

59.4572, 51.2476, 27.8771

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.5274, 50.5792, 44.0928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4572, 51.2476, 27.8771 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, 169, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 130)  
}
```

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, 169, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 130) }
```

Border

The CSS property to change the border of an element to XYZ 59.4572, 51.2476, 27.8771 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, 169, 130) }
```


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

```
.border{ border-color:rgb(255, 169, 130) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 169, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4572, 51.2476, 27.8771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 130) }
```

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

```
.background{ background-color: rgb(255,  
169, 130) }
```

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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