

Converting Colors

XYZ(94.4202, 69.1247, 29.4221)

Have a look what the booklet for
XYZ(94.4202, 69.1247, 29.4221)
contains.

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Color

**XYZ(59.2719, 50.8770,
27.8154)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA882
RGB	255, 168, 130
RGB Percent	100%, 66%, 51%
CMY	0.0000, 0.3411, 0.4902
CMYK	0.00, 0.34, 0.49, 0.00
HSL	18°, 100%, 75%
HSV	18°, 49%, 100%
XYZ	59.2719, 50.8770, 27.8154
YIQ	189.6810, 64.0500, 6.6260

Conversions

Conversions Part 2

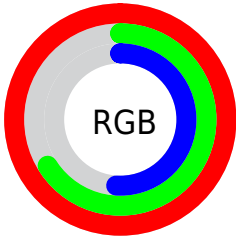
Format	Color
R_{YB}	255, 185, 130
Decimal	16754818
CIE _{Lab}	76.60, 28.02, 32.76
CIE _{LCh}	77, 43.108, 49.460
Yxy	50.8770, 0.4296, 0.3688
Android (android.graphics.Color)	4294944898 (0xFFFFA882)
YUV	189.6810, -29.4227, 57.2848
Hunter-Lab	71.3281, 23.5049, 26.8087

Details

The XYZ color **59.2719, 50.8770, 27.8154** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **52.0675, 61.5887, 103.7510**, and the grayscale version is **48.8993, 51.4459, 56.0245**.

A 20% lighter version of the original color is **76.4429, 77.9902, 55.8244**, and **30.0844, 24.4428, 10.7217** is the 20% darker color. If you saturate the color by 10%, you get **54.7120, 44.1655, 18.8719**, and if you desaturate by 10%, it is **64.7055, 58.6575, 39.1434**.

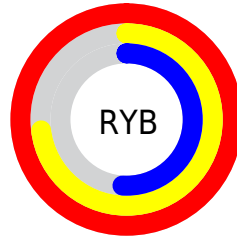
Distribution



Red (100%)

Green (66%)

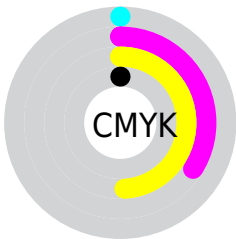
Blue (51%)



Red (100%)

Yellow (73%)

Blue (51%)

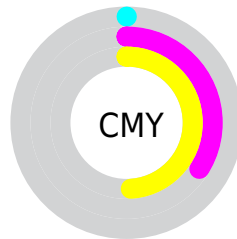


Cyan (0%)

Magenta (34%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2719, 50.8770, 27.8154 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 59.2719, 50.8770, 27.8154 by changing the saturation by 10% instead.


 59.2719, 50.8770,
27.8154


 59.2719, 50.8770,
27.8154


411.7867,
390.0857, 305.4679


 43.0792, 36.1107,
17.9487

 102.8851, 91.4729,
57.2091

 30.1421, 24.5197,
10.7441

 131.0364,
118.0714, 77.5733

 20.0951, 15.7196,
5.7830


 163.9046,
149.3827, 102.2736

 12.5728, 9.3260,
2.6470

201.8550,
185.7912, 131.7288

 7.2100, 4.9544,
0.9166

245.2531,
227.6814, 166.3572

 3.6413, 2.2205,
0.0000

294.4642,

 1.5013, 0.7312,

275.4376, 206.5776

0.0000

349.8536,
329.4443, 252.8083

■ 0.3267, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2719, 50.8770,
27.8154

■ 59.2719, 50.8770,
27.8154

■ 54.7120, 44.1655,
18.8719

■ 64.7055, 58.6575,
39.1434

■ 50.9723, 38.4666,
12.1357

■ 71.0548, 67.5449,
53.0094

■ 47.9982, 33.7299,
7.4097

■ 78.3633, 77.5841,
69.5575

■ 45.7260, 29.8969,
4.4594

■ 86.6703, 88.8157,
88.9202

■ 44.0693, 26.8969, 95.0499, 99.9999,
2.9408 108.9000

■ 43.9311, 26.6424,
2.8271

Harmonies

Analogous

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



64.6845, 50.8770, 41.7522



59.2719, 50.8770, 27.8154



51.2799, 50.8770, 21.9568

Triad

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



59.2719, 50.8770, 27.8154



34.5317, 50.8770, 47.5876



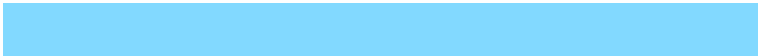
53.7667, 50.8770, 109.3866

Complementary

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



59.2719, 50.8770, 27.8154



52.0675, 61.5887, 103.7510

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.



45.5475, 50.8770, 112.2542



59.2719, 50.8770, 27.8154



35.0380, 50.8770, 71.7298

Square

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



59.2719, 50.8770, 27.8154



37.4011, 50.8770, 31.0508



38.8719, 50.8770, 96.9704



61.2674, 50.8770, 89.9779

Rectangle

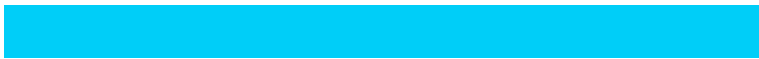
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.2719, 50.8770, 27.8154



45.8274, 50.8770, 21.8777



38.8719, 50.8770, 96.9704



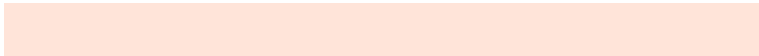
50.9782, 50.8770, 112.4894

Sweetspot

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



59.2732, 50.8795, 27.8164



81.5799, 81.9528, 76.9940



61.8123, 42.2615, 70.8867



17.0960, 17.0456, 15.6327



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.



59.2732, 50.8795, 27.8164



54.7200, 44.1773, 18.8867



73.5660, 79.4653, 32.5807



18.4597, 18.8875, 18.8171



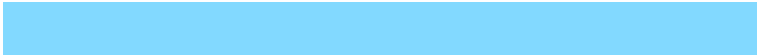
23.0694, 14.1500, 1.5153



2.3375, 1.5604, 0.1780

Inverse Universe

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



52.0675, 61.5887, 103.7510



46.6863, 55.9227, 102.9413



38.9777, 35.4090, 99.3877



18.0614, 19.4944, 23.0608



17.8329, 20.5753, 52.4661



1.8327, 2.1962, 5.1406

Previews

White Background



This preview shows how the XYZ color 59.2719, 50.8770, 27.8154 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 59.2719, 50.8770, 27.8154 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 59.2719, 50.8770, 27.8154

Background



This preview shows how black text looks on a background with the XYZ color 59.2719, 50.8770, 27.8154.



This preview shows how white text looks on a background with the XYZ color 59.2719, 50.8770,

27.8154.

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

59.2719, 50.8770, 27.8154

Protanopia

47.4864, 50.9558, 31.7587

Deuteranopia

52.0332, 50.9109, 27.1630



Tritanopia

62.2533, 50.9061, 47.1022

Trichromacy



Original Color

59.2719, 50.8770, 27.8154

Protanomaly

51.0920, 50.3549, 30.3192

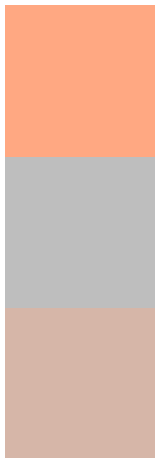
Deuteranomaly

54.3467, 50.6137, 27.3271

Tritanomaly

60.9531, 50.6735, 39.3693

Monochromacy



Original Color

59.2719, 50.8770, 27.8154

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 59.2719, 50.8770, 27.8154 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, 168, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 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, 168, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 130) }
```

Border

The CSS property to change the border of an element to XYZ 59.2719, 50.8770, 27.8154 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, 168, 130) }
```


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

```
.border{ border-color:rgb(255, 168, 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, 168, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2719, 50.8770, 27.8154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 130) }
```

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

```
.background{ background-color: rgb(255,  
168, 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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