

Converting Colors

XYZ(105.7186, 74.9907,
30.5912)

Have a look what the booklet for
XYZ(105.7186, 74.9907, 30.5912)
contains.

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Color

**XYZ(59.5928, 51.3019,
28.5912)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFA984 |
| RGB | 255, 169, 132 |
| RGB Percent | 100%, 66%, 52% |
| CMY | 0.0000, 0.3372, 0.4823 |
| CMYK | 0.00, 0.34, 0.48, 0.00 |
| HSL | 18°, 100%, 76% |
| HSV | 18°, 48%, 100% |
| XYZ | 59.5928, 51.3019, 28.5912 |
| YIQ | 190.4960, 63.1330, 6.7250 |

Conversions

Conversions Part 2

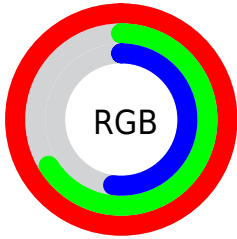
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 185, 132 |
| Decimal | 16755076 |
| CIE Lab | 76.86, 27.68, 32.03 |
| CIE LCh | 77, 42.337, 49.170 |
| Yxy | 51.3019, 0.4272, 0.3678 |
| Android (android.graphics.Color) | 4294945156 (0xFFFFA984) |
| YUV | 190.4960, -28.8385, 56.5700 |
| Hunter-Lab | 71.6253, 23.1689, 26.4705 |

Details

The XYZ color **59.5928, 51.3019, 28.5912** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **52.6358, 62.2654, 103.8516**, and the grayscale version is **49.3667, 51.9376, 56.5600**.

A 20% lighter version of the original color is **76.9222, 78.6132, 57.0186**, and **30.2741, 24.7021, 11.1550** is the 20% darker color. If you saturate the color by 10%, you get **54.9630, 44.5019, 19.4657**, and if you desaturate by 10%, it is **65.1039, 59.1821, 40.1152**.

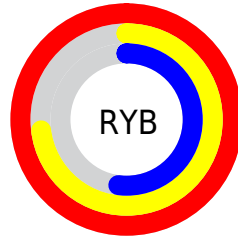
Distribution



Red (100%)

Green (66%)

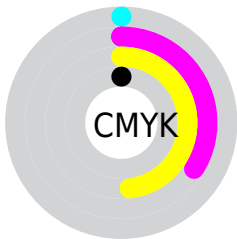
Blue (52%)



Red (100%)

Yellow (73%)

Blue (52%)

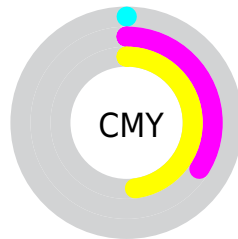


Cyan (0%)

Magenta (34%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5928, 51.3019, 28.5912 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 59.5928, 51.3019, 28.5912 by changing the saturation by 10% instead.


 59.5928, 51.3019,
28.5912


 59.5928, 51.3019,
28.5912


412.9540,
391.7356, 309.2816


 43.3387, 36.4489,
18.5289

 103.3485, 92.1009,
58.4614

 30.3466, 24.7811,
11.1570


 131.5807,
118.8157, 79.1063

 20.2512, 15.9141,
6.0570


 164.5364,
150.2532, 104.1158

 12.6871, 9.4634,
2.8104

202.5810,
186.7978, 133.9085

 7.2890, 5.0446,
0.9987

246.0796,
228.8340, 168.9029

 3.6914, 2.2735,
0.0000

295.3978,

 1.5291, 0.7596,

276.7461, 209.5175

0.0000

350.9008,
330.9185, 256.1709

■ 0.3455, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5928, 51.3019,
28.5912

■ 59.5928, 51.3019,
28.5912

■ 54.9630, 44.5019,
19.4657

■ 65.1039, 59.1821,
40.1152

■ 51.1608, 38.7254,
12.5632

■ 71.5380, 68.1805,
54.1903

■ 48.1321, 33.9217,
7.6885

■ 78.9387, 78.3425,
70.9596

■ 45.8134, 30.0321,
4.6106

■ 87.3454, 89.7087,
90.5549

■ 44.1234, 26.9876, 95.0498, 99.9999,
3.0129 108.9000

■ 43.8741, 26.5285,
2.8081

Harmonies

Analogous

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



64.8841, 51.3019, 42.5350



59.5928, 51.3019, 28.5912



51.7263, 51.3019, 22.6613

Triad

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



59.5928, 51.3019, 28.5912



35.0881, 51.3019, 47.9399



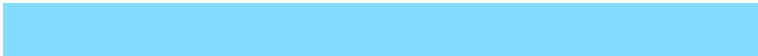
54.0202, 51.3019, 109.0382

Complementary

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



59.5928, 51.3019, 28.5912



52.6358, 62.2654, 103.8516

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.



45.9111, 51.3019, 111.6642



59.5928, 51.3019, 28.5912



35.5578, 51.3019, 71.7100

Square

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



59.5928, 51.3019, 28.5912



37.9656, 51.3019, 31.6073



39.3282, 51.3019, 96.5439



61.4302, 51.3019, 90.1286

Rectangle

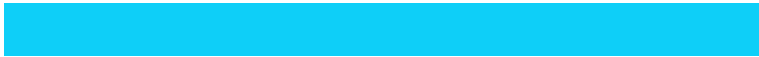
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.5928, 51.3019, 28.5912



46.3365, 51.3019, 22.5393



39.3282, 51.3019, 96.5439



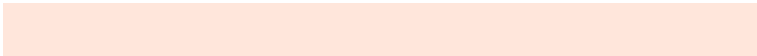
51.2685, 51.3019, 112.0183

Sweetspot

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



59.5941, 51.3044, 28.5922



82.3739, 83.0066, 78.9054



62.1593, 42.8301, 71.3893



17.2519, 17.2524, 16.0088



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.



59.5941, 51.3044, 28.5922



55.0621, 44.6497, 19.6537



73.8130, 79.7424, 33.3318



18.4549, 18.8779, 18.8155



23.0387, 14.0887, 1.5051



2.3341, 1.5535, 0.1768

Inverse Universe

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



52.6358, 62.2654, 103.8516



47.2963, 56.6937, 103.0579



39.5555, 36.1049, 99.4915



18.0665, 19.5045, 23.0625



17.9166, 20.7428, 52.4940



1.8404, 2.2115, 5.1431

Previews

White Background



This preview shows how the XYZ color 59.5928, 51.3019, 28.5912 looks on a white background.

Color Contrast Check

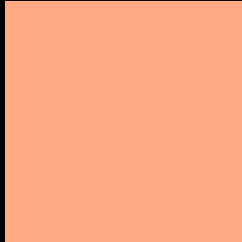
Large Text (above 18pt) WCAG AA × Fail

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 59.5928, 51.3019, 28.5912 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 59.5928, 51.3019, 28.5912

Background



This preview shows how black text looks on a background with the XYZ color 59.5928, 51.3019, 28.5912.



This preview shows how white text looks on a background with the XYZ color 59.5928, 51.3019,

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

59.5928, 51.3019, 28.5912

Protanopia

48.1230, 51.5874, 32.6203

Deuteranopia

52.3689, 51.3718, 27.9245



Tritanopia

62.5316, 51.3049, 47.6813

Trichromacy



Original Color

59.5928, 51.3019, 28.5912

Protanomaly

51.7468, 50.9789, 31.1573

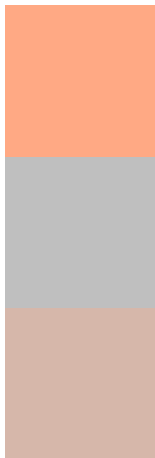
Deuteranomaly

54.6765, 51.0605, 28.0930

Tritanomaly

61.2214, 51.0705, 39.8886

Monochromacy



Original Color

59.5928, 51.3019, 28.5912

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.9207, 51.0654, 45.1503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5928, 51.3019, 28.5912 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, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 132)  
}
```

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, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 132) }
```

Border

The CSS property to change the border of an element to XYZ 59.5928, 51.3019, 28.5912 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, 132) }
```


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

```
.border{ border-color:rgb(255, 169, 132) }
```

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, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5928, 51.3019, 28.5912 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, 132) }
```

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

```
.background{ background-color: rgb(255,  
169, 132) }
```

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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