

# Converting Colors

XYZ(87.3145, 65.6133, 26.9862)

Have a look what the booklet for  
XYZ(87.3145, 65.6133, 26.9862)  
contains.

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# Color

**XYZ(59.0661, 51.0912,  
25.8172)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFA97C
RGB	255, 169, 124
RGB Percent	100%, 66%, 49%
CMY	0.0000, 0.3372, 0.5137
CMYK	0.00, 0.34, 0.51, 0.00
HSL	21°, 100%, 74%
HSV	21°, 51%, 100%
XYZ	59.0661, 51.0912, 25.8172
YIQ	189.5840, 65.7010, 4.2370

# Conversions

## Conversions Part 2

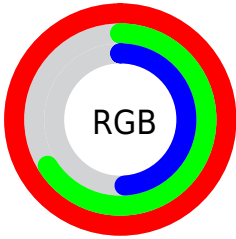
Format	Color
R <sub>Y</sub> B	255, 193, 124
Decimal	16755068
CIE Lab	76.73, 26.96, 36.10
CIE LCh	77, 45.057, 53.241
Yxy	51.0912, 0.4344, 0.3757
Android (android.graphics.Color)	4294945148 (0xFFFFA97C)
YUV	189.5840, -32.3329, 57.3698
Hunter-Lab	71.4781, 22.4172, 28.6197

# Details

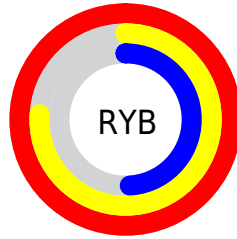
The XYZ color **59.0661, 51.0912, 25.8172** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **49.4075, 57.5955, 103.1205**, and the grayscale version is **48.8590, 51.4035, 55.9784**.

A 20% lighter version of the original color is **76.1010, 78.2848, 52.6945**, and **29.9871, 24.5873, 9.6439** is the 20% darker color. If you saturate the color by 10%, you get **54.7400, 44.6948, 17.4217**, and if you desaturate by 10%, it is **64.2103, 58.4569, 36.5432**.

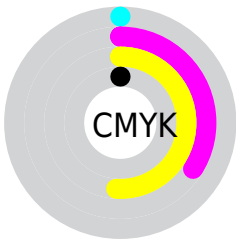
# Distribution



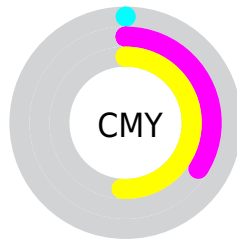
- Red (100%)
- Green (66%)
- Blue (49%)



- Red (100%)
- Yellow (76%)
- Blue (49%)



- Cyan (0%)
- Magenta (34%)
- Yellow (51%)
- Black (0%)




- Cyan (0%)
- Magenta (34%)
- Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0661, 51.0912, 25.8172 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 59.0661, 51.0912, 25.8172 by changing the saturation by 10% instead.





 59.0661, 51.0912,  
25.8172

 59.0661, 51.0912,  
25.8172


411.0369,  
390.9180, 295.4604

 42.9129, 36.2812,  
16.4624

 102.5878, 91.7896,  
53.9604

 30.0110, 24.6514,  
9.6941


 130.6870,  
118.4467, 73.5858

 19.9951, 15.8176,  
5.0936


 163.4990,  
149.8217, 97.4719

 12.4997, 9.3951,  
2.2426

201.3890,  
186.2989, 126.0371

 7.1596, 4.9998,  
0.6988

244.7224,  
228.2628, 159.7000

 3.6093, 2.2471,  
0.0000

293.8647,

 1.4836, 0.7455,

276.0976, 198.8792

0.0000

349.1811,  
330.1879, 243.9931

■ 0.3146, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 59.0661, 51.0912,  
25.8172

■ 59.0661, 51.0912,  
25.8172

■ 54.7400, 44.6948,  
17.4217

■ 64.2103, 58.4569,  
36.5432

■ 51.1804, 39.2168,  
11.1757

■ 70.2125, 66.8244,  
49.7560

■ 48.3349, 34.6128,  
6.8761

■ 77.1141, 76.2339,  
65.6016

■ 46.1410, 30.8304,  
4.2781

■ 84.9526, 86.7212,  
84.2139

■ 44.6975, 28.1751,  
3.0825

■ 93.7633, 98.3200,  
105.7175

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.



65.2667, 51.0912, 39.0585



59.0661, 51.0912, 25.8172



50.5191, 51.0912, 20.7766

# Triad

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



59.0661, 51.0912, 25.8172



34.0104, 51.0912, 50.2761



55.3332, 51.0912, 110.9997

# Complementary

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



59.0661, 51.0912, 25.8172



49.4075, 57.5955, 103.1205

# 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.



46.6535, 51.0912, 116.6228



59.0661, 51.0912, 25.8172



34.9804, 51.0912, 76.3283

# Square

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



59.0661, 51.0912, 25.8172



36.5566, 51.0912, 31.9640



39.3811, 51.0912, 102.4560



62.9411, 51.0912, 88.7886



# Rectangle

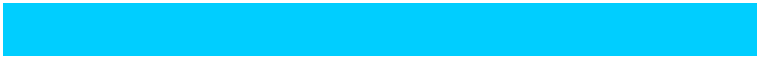
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.0661, 51.0912, 25.8172



44.8955, 51.0912, 21.2592



39.3811, 51.0912, 102.4560



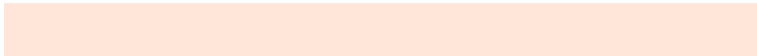
52.4200, 51.0912, 115.1167

# Sweetspot

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



59.0673, 51.0937, 25.8182



81.9984, 82.7898, 77.1335



60.2475, 40.3955, 66.4693



17.1960, 17.2457, 15.6661



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.



59.0673, 51.0937, 25.8182



54.4945, 44.3242, 16.9681



74.0642, 81.0875, 30.8171



18.5195, 19.0073, 18.8370



23.4798, 14.9709, 1.6521

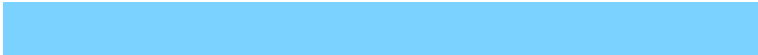


2.3832, 1.6517, 0.1932



# Inverse Universe

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



49.4075, 57.5955, 103.1205



43.7821, 51.3818, 102.2179



36.6158, 32.0120, 98.8566



17.9986, 19.3689, 23.0399



16.8343, 18.5781, 52.1333



1.7409, 2.0125, 5.1100



# Previews

## White Background



This preview shows how the XYZ color 59.0661, 51.0912, 25.8172 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 59.0661, 51.0912, 25.8172 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

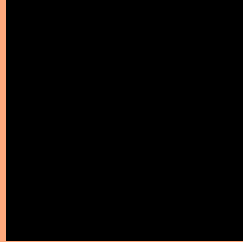
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 59.0661, 51.0912, 25.8172

## Background



This preview shows how black text looks on a background with the XYZ color 59.0661, 51.0912, 25.8172.



This preview shows how white text looks on a background with the XYZ color 59.0661, 51.0912, 25.8172.

25.8172.

# 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

59.0661, 51.0912, 25.8172

### Protanopia

47.7552, 51.4720, 29.2479

### Deuteranopia

52.3498, 51.1109, 25.5186



## Tritanopia

62.3519, 50.9455, 47.6215

# Trichromacy



## Original Color

59.0661, 51.0912, 25.8172



## Protanomaly

51.1218, 50.7289, 27.8661



## Deuteranomaly

54.5572, 51.0515, 25.7173



## Tritanomaly

60.9620, 50.9668, 38.5228

# Monochromacy



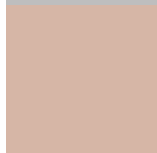
## Original Color

59.0661, 51.0912, 25.8172



## Achromatopsia

48.9429, 51.4918, 56.0745



## Achromatomaly

51.3424, 50.5052, 43.1188

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.0661, 51.0912, 25.8172 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, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 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, 169, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 124) }
```

## Border

The CSS property to change the border of an element to XYZ 59.0661, 51.0912, 25.8172 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, 124) }
```



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

```
.border{ border-color:rgb(255, 169, 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, 169, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
124) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.0661, 51.0912, 25.8172 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, 124) }
```

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

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