

Converting Colors

XYZ(59.0277, 53.5305, 18.0478)

Have a look what the booklet for
XYZ(59.0277, 53.5305, 18.0478)
contains.

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Color

**XYZ(59.0277, 53.5305,
18.0478)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB15F
RGB	255, 177, 95
RGB Percent	100%, 69%, 37%
CMY	0.0000, 0.3059, 0.6274
CMYK	0.00, 0.31, 0.63, 0.00
HSL	31°, 100%, 69%
HSV	31°, 63%, 100%
XYZ	59.0277, 53.5305, 18.0478
YIQ	190.9740, 72.8100, -8.9660

Conversions

Conversions Part 2

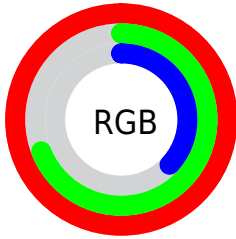
Format	Color
RYB	247, 255, 95
Decimal	16757087
CIELab	78.19, 20.61, 52.53
CIELCh	78, 56.427, 68.578
Yxy	53.5305, 0.4520, 0.4099
Android (android.graphics.Color)	4294947167 (0xFFFFB15F)
YUV	190.9740, -47.3152, 56.1508
Hunter-Lab	73.1645, 15.9723, 36.5899

Details

The XYZ color **59.0277, 53.5305, 18.0478** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **37.7120, 39.5381, 100.2512**, and the grayscale version is **49.7436, 52.3342, 56.9919**.

A 20% lighter version of the original color is **75.7242, 81.6759, 39.7909**, and **29.9104, 26.0665, 5.8378** is the 20% darker color. If you saturate the color by 10%, you get **55.7085, 48.4536, 12.1287**, and if you desaturate by 10%, it is **62.9523, 59.2118, 26.0406**.

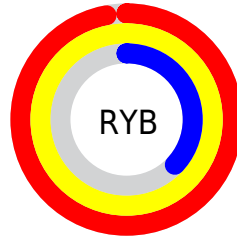
Distribution



Red (100%)

Green (69%)

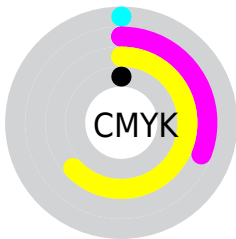
Blue (37%)



Red (97%)

Yellow (100%)

Blue (37%)

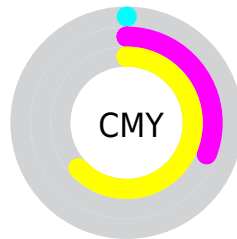


Cyan (0%)

Magenta (31%)

Yellow (63%)

Black (0%)



Cyan (0%)


Magenta (31%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0277, 53.5305, 18.0478 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 59.0277, 53.5305, 18.0478 by changing the saturation by 10% instead.


 59.0277, 53.5305,
18.0478


 59.0277, 53.5305,
18.0478


410.8970,
400.3171, 253.3855


 42.8819, 38.2264,
10.8145


 102.5323, 95.3845,
40.9338


 29.9866, 26.1585,
5.8296


 130.6218,
122.7033, 57.4236

 19.9764, 16.9422,
2.6747


 163.4233,
154.7957, 77.8360

 12.4861, 10.1933,
0.9306

 201.3020,
192.0463, 102.5895

 7.1502, 5.5273,
0.0000

244.6234,
234.8393, 132.1026

 3.6034, 2.5599,
0.0000

293.7528,

 1.4803, 0.9065,

283.5592, 166.7940

0.0000

349.0555,
338.5903, 207.0821

■ 0.3124, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0277, 53.5305,
18.0478

■ 59.0277, 53.5305,
18.0478

■ 55.7085, 48.4536,
12.1287

■ 62.9523, 59.2118,
26.0406

■ 52.9465, 43.9458,
8.0749

■ 67.5177, 65.5142,
36.2820

■ 50.6898, 39.9786,
5.6390

■ 72.7604, 72.4633,
48.9315

■ 49.3154, 37.4112,
4.6219

■ 78.7128, 80.0807,
64.1331

85.4048, 88.3865,
82.0196

92.8647, 97.3999,
102.7142

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



69.3316, 53.5305, 28.0146



59.0277, 53.5305, 18.0478



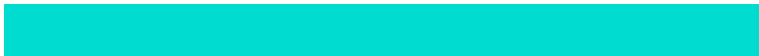
47.7800, 53.5305, 16.4851

Triad

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



59.0277, 53.5305, 18.0478



32.6524, 53.5305, 67.8256



65.2880, 53.5305, 119.8552

Complementary

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



59.0277, 53.5305, 18.0478



37.7120, 39.5381, 100.2512

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.



54.1094, 53.5305, 141.3708



59.0277, 53.5305, 18.0478



36.0308, 53.5305, 104.9753

Square

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



59.0277, 53.5305, 18.0478



33.5749, 53.5305, 38.7915



43.5173, 53.5305, 135.1148



73.2941, 53.5305, 83.4124

Rectangle

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



59.0277, 53.5305, 18.0478



41.3907, 53.5305, 19.5547



43.5173, 53.5305, 135.1148



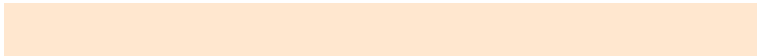
61.7170, 53.5305, 129.5789

Sweetspot

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



59.0290, 53.5332, 18.0488



81.1306, 83.1092, 70.5091



53.0701, 32.5399, 44.0416



16.9680, 17.2918, 14.0420



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.



59.0290, 53.5332, 18.0488



55.0387, 47.3880, 11.0592



79.0652, 93.6058, 24.7276



18.7792, 19.5267, 18.9236



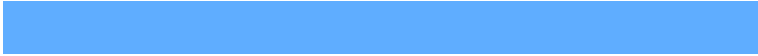
25.9186, 19.8485, 2.4651



2.6330, 2.1513, 0.2765

Inverse Universe

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



37.7120, 39.5381, 100.2512



32.2012, 32.4078, 99.1659



26.8619, 17.8378, 96.6345



17.7340, 18.8396, 22.9517



13.3658, 11.6412, 50.9771



1.4103, 1.3513, 4.9998

Previews

White Background



This preview shows how the XYZ color 59.0277, 53.5305, 18.0478 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 59.0277, 53.5305, 18.0478 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 59.0277, 53.5305, 18.0478

Background



This preview shows how black text looks on a background with the XYZ color 59.0277, 53.5305, 18.0478.



This preview shows how white text looks on a background with the XYZ color 59.0277, 53.5305,

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

59.0277, 53.5305, 18.0478

Protanopia

49.3723, 53.8193, 20.0979

Deuteranopia

54.7129, 53.4220, 17.7837



Tritanopia

63.9552, 53.3456, 50.6420

Trichromacy



Original Color

59.0277, 53.5305, 18.0478

Protanomaly

52.5484, 53.5253, 19.3662

Deuteranomaly

56.2004, 53.2684, 17.9094

Tritanomaly

61.6886, 53.3491, 35.9002

Monochromacy



Original Color

59.0277, 53.5305, 18.0478

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.2912, 51.8143, 38.7503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0277, 53.5305, 18.0478 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, 177, 95)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 95)  
}
```

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, 177, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 95) }
```

Border

The CSS property to change the border of an element to XYZ 59.0277, 53.5305, 18.0478 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, 177, 95) }
```


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

```
.border{ border-color:rgb(255, 177, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 177, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 95);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0277, 53.5305, 18.0478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 95) }
```

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

```
.background{ background-color: rgb(255,  
177, 95) }
```

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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