

Converting Colors

XYZ(61.5176, 59.1274, 18.7601)

Have a look what the booklet for
XYZ(61.5176, 59.1274, 18.7601)
contains.

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Color

**XYZ(61.5242, 59.1406,
18.7623)**

Conversions

Conversions Part 1

Format	Color
Hex	FEBF5E
RGB	254, 191, 94
RGB Percent	100%, 75%, 37%
CMY	0.0039, 0.2510, 0.6314
CMYK	0.00, 0.25, 0.63, 0.00
HSL	36°, 99%, 68%
HSV	36°, 63%, 100%
XYZ	61.5242, 59.1406, 18.7623
YIQ	198.7790, 68.6850, -16.8110

Conversions

Conversions Part 2

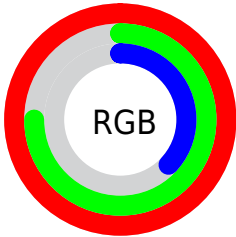
Format	Color
R _Y B	198, 254, 94
Decimal	16695134
CIE Lab	81.37, 12.83, 56.58
CIE LCh	81, 58.019, 77.228
Yxy	59.1406, 0.4413, 0.4242
Android (android.graphics.Color)	4294885214 (0xFFFEBF5E)
YUV	198.7790, -51.6560, 48.4288
Hunter-Lab	76.9029, 8.2242, 39.3668

Details

The XYZ color **61.5242, 59.1406, 18.7623** 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 **34.5618, 33.6479, 98.4384**, and the grayscale version is **54.4287, 57.2633, 62.3597**.

A 20% lighter version of the original color is **79.7672, 89.8881, 40.7497**, and **31.7369, 29.8064, 6.1783** is the 20% darker color. If you saturate the color by 10%, you get **58.4599, 54.5459, 13.0131**, and if you desaturate by 10%, it is **65.1151, 64.1889, 26.5376**.

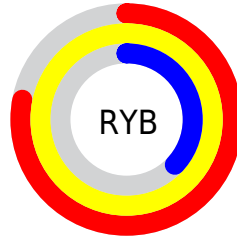
Distribution



Red (100%)

Green (75%)

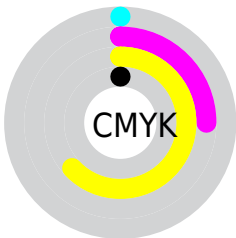
Blue (37%)



Red (78%)

Yellow (100%)

Blue (37%)

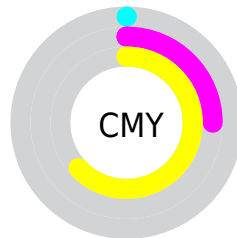


Cyan (0%)

Magenta (25%)

Yellow (63%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5242, 59.1406, 18.7623 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 61.5242, 59.1406, 18.7623 by changing the saturation by 10% instead.

61.5242, 59.1406,
18.7623

61.5242, 59.1406,
18.7623

419.9387,
421.4228, 257.5122

44.9025, 42.7263,
11.3236

106.1314,
103.5820, 42.1634

31.5816, 29.6704,
6.1680

134.8476,
132.3779, 58.9628

21.1961, 19.5886,
2.8771

168.3260,
166.0697, 79.7196

13.3807, 12.0963,
1.0322

206.9320,
205.0420, 104.8522

7.7700, 6.8093,
0.0000

251.0309,
249.6790, 134.7793

3.9987, 3.3431,
0.0000

300.9881,

1.7014, 1.3134,

300.3652, 169.9193

0.0000

357.1689,
357.4850, 210.6907

■ 0.4571, 0.1515,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.5242, 59.1406,
18.7623

■ 61.5242, 59.1406,
18.7623

■ 58.4599, 54.5459,
13.0131

■ 65.1151, 64.1889,
26.5376

■ 55.8767, 50.3749,
9.0834

■ 69.2645, 69.7011,
36.5114

■ 53.7263, 46.6056,
6.7280

■ 74.0061, 75.6976,
48.8414

■ 52.4279, 44.1809,
5.7645

■ 79.3695, 82.1943,
63.6696

■ 85.3819, 89.2066,
81.1269

■ 92.0689, 96.7488,
101.3348

94.6828, 99.8107,
108.8828

Harmonies

Analogous

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



73.5750, 59.1406, 26.7669



61.5242, 59.1406, 18.7623



49.5858, 59.1406, 19.3590

Triad

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



61.5242, 59.1406, 18.7623



36.7557, 59.1406, 86.2608



75.1191, 59.1406, 121.2057

Complementary

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



61.5242, 59.1406, 18.7623



34.5618, 33.6479, 98.4384

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.



63.4023, 59.1406, 151.5289



61.5242, 59.1406, 18.7623



41.8201, 59.1406, 126.8876

Square

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



61.5242, 59.1406, 18.7623



36.4035, 59.1406, 50.7332



51.2135, 59.1406, 153.9181



82.1496, 59.1406, 80.3104

Rectangle

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



61.5242, 59.1406, 18.7623



43.2545, 59.1406, 24.5208



51.2135, 59.1406, 153.9181



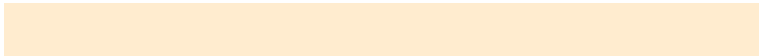
71.5273, 59.1406, 133.5246

Sweetspot

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



61.5256, 59.1435, 18.7634



82.4213, 85.6906, 70.9393



51.0474, 31.5453, 35.7467



17.2801, 17.9159, 14.1460



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.



61.5256, 59.1435, 18.7634



58.1475, 53.7187, 11.7472



72.7218, 89.8684, 24.1038



18.9258, 19.8199, 18.9724



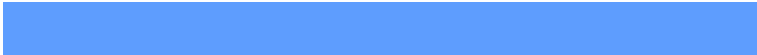
27.7887, 23.5887, 3.0884



2.8122, 2.5098, 0.3362

Inverse Universe

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



34.5618, 33.6479, 98.4384



29.0039, 26.2526, 98.1463



28.3230, 18.4768, 95.8389



17.5897, 18.5509, 22.9036



11.9678, 8.8452, 50.5111



1.2681, 1.0668, 4.9524

Previews

White Background



This preview shows how the XYZ color 61.5242, 59.1406, 18.7623 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 61.5242, 59.1406, 18.7623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

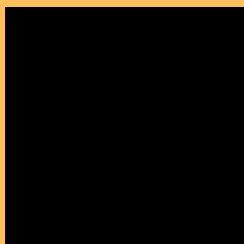
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.5242, 59.1406, 18.7623

Background



This preview shows how black text looks on a background with the XYZ color 61.5242, 59.1406, 18.7623.



This preview shows how white text looks on a background with the XYZ color 61.5242, 59.1406,

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

61.5242, 59.1406, 18.7623

Protanopia

54.3010, 59.4410, 20.1666

Deuteranopia

60.5147, 59.2721, 18.8409



Tritanopia

68.0238, 59.0671, 59.4456

Trichromacy



Original Color

61.5242, 59.1406, 18.7623

Protanomaly

56.8420, 59.3721, 19.7733

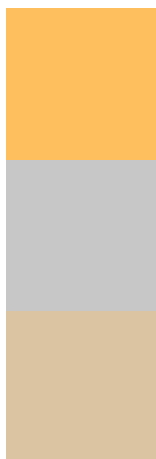
Deuteranomaly

60.6537, 59.0167, 18.7842

Tritanomaly

64.9705, 58.8464, 40.2819

Monochromacy



Original Color

61.5242, 59.1406, 18.7623

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.3864, 57.1131, 41.8230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5242, 59.1406, 18.7623 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(254, 191, 94)` looks like.

```
.text, #text, p{  
    color:rgb(254, 191, 94)  
}
```

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(254, 191, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 191, 94) }
```

Border

The CSS property to change the border of an element to XYZ 61.5242, 59.1406, 18.7623 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(254, 191, 94) }
```


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

```
.border{ border-color:rgb(254, 191, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 191, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 191, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 191, 94);  
box-shadow:4px 4px 4px 4px rgb(254, 191,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5242, 59.1406, 18.7623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 191, 94) }
```

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

```
.background{ background-color: rgb(254,  
191, 94) }
```

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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