

Converting Colors

XYZ(82.9481, 70.7446, 19.8232)

Have a look what the booklet for
XYZ(82.9481, 70.7446, 19.8232)
contains.

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Color

**XYZ(62.3303, 60.2081,
18.9258)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC15E
RGB	255, 193, 94
RGB Percent	100%, 76%, 37%
CMY	0.0000, 0.2431, 0.6314
CMYK	0.00, 0.24, 0.63, 0.00
HSL	37°, 100%, 68%
HSV	37°, 63%, 100%
XYZ	62.3303, 60.2081, 18.9258
YIQ	200.2520, 68.7310, -17.6450

Conversions

Conversions Part 2

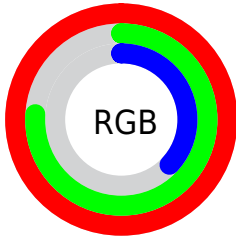
Format	Color
RYB	195, 255, 94
Decimal	16761182
CIELab	81.95, 12.20, 57.26
CIELCh	82, 58.549, 77.976
Yxy	60.2081, 0.4406, 0.4256
Android (android.graphics.Color)	4294951262 (0xFFFFC15E)
YUV	200.2520, -52.3822, 48.0140
Hunter-Lab	77.5939, 7.5978, 39.8544

Details

The XYZ color **62.3303, 60.2081, 18.9258** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **34.5539, 33.3750, 99.2279**, and the grayscale version is **55.3397, 58.2217, 63.4034**.

A 20% lighter version of the original color is **80.3821, 91.1179, 40.9547**, and **32.0265, 30.3856, 6.2749** is the 20% darker color. If you saturate the color by 10%, you get **59.2708, 55.6280, 13.1630**, and if you desaturate by 10%, it is **65.9146, 65.2335, 26.7287**.

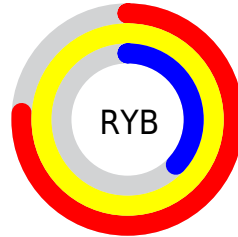
Distribution



Red (100%)

Green (76%)

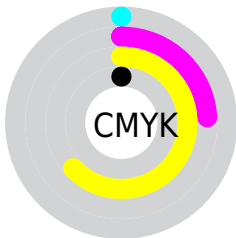
Blue (37%)



Red (76%)

Yellow (100%)

Blue (37%)

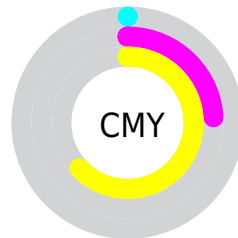


Cyan (0%)

Magenta (24%)

Yellow (63%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3303, 60.2081, 18.9258 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 62.3303, 60.2081, 18.9258 by changing the saturation by 10% instead.


 62.3303, 60.2081,
18.9258


 62.3303, 60.2081,
18.9258


422.8333,
425.3644, 258.4479

 45.5563, 43.5864,
11.4404


 107.2900,
105.1315, 42.4437

 32.0989, 30.3455,
6.2460


 136.2064,
134.2019, 59.3133

 21.5930, 20.1010,
2.9240


 169.9009,
168.1908, 80.1480

 13.6731, 12.4685,
1.0560

 208.7389,
207.4824, 105.3665

 7.9738, 7.0636,
0.0000

253.0858,
252.4612, 135.3871

 4.1299, 3.5019,
0.0000

303.3070,

 1.7759, 1.3990,

303.5115, 170.6286

0.0000

359.7677,
361.0178, 211.5093

■ 0.5031, 0.2160,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3303, 60.2081,
18.9258

■ 62.3303, 60.2081,
18.9258

■ 59.2708, 55.6280,
13.1630

■ 65.9146, 65.2335,
26.7287

■ 56.6903, 51.4633,
9.2313

■ 70.0557, 70.7142,
36.7460

■ 54.5400, 47.6922,
6.8821

■ 74.7876, 76.6703,
49.1370

■ 53.2647, 45.3099,
5.9383

■ 80.1399, 83.1177,
64.0455

86.1401, 90.0716,
81.6035

92.8138, 97.5459,
101.9339

95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



74.6892, 60.2081, 26.8304



62.3303, 60.2081, 18.9258



50.1885, 60.2081, 19.7375

Triad

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



62.3303, 60.2081, 18.9258



37.4363, 60.2081, 88.9307



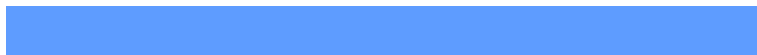
76.7963, 60.2081, 122.6143

Complementary

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



62.3303, 60.2081, 18.9258



34.5539, 33.3750, 99.2279

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.



64.8924, 60.2081, 154.1492



62.3303, 60.2081, 18.9258



42.7220, 60.2081, 130.3719

Square

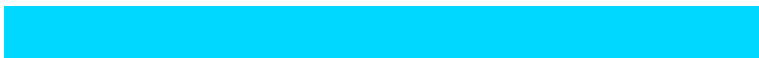
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.3303, 60.2081, 18.9258



36.9562, 60.2081, 52.3535



52.4082, 60.2081, 157.4121



83.8123, 60.2081, 80.8110

Rectangle

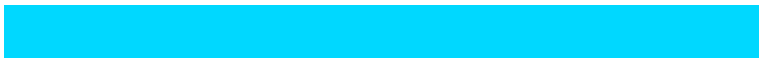
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.3303, 60.2081, 18.9258



43.7909, 60.2081, 25.1598



52.4082, 60.2081, 157.4121



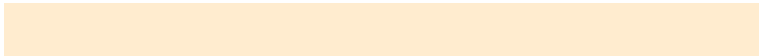
73.1612, 60.2081, 135.3293

Sweetspot

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



62.3317, 60.2111, 18.9270



82.5422, 85.9323, 70.9796



51.4488, 31.7482, 35.9455



17.3094, 17.9745, 14.1558



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.



62.3317, 60.2111, 18.9270



58.4851, 54.3939, 11.8597



73.3429, 90.6609, 24.2240



18.9395, 19.8471, 18.9770



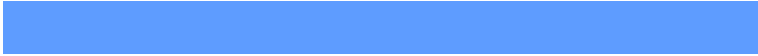
27.9812, 23.9737, 3.1526



2.8303, 2.5460, 0.3423

Inverse Universe

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



34.5539, 33.3750, 99.2279



28.7661, 25.7771, 98.0671



28.4960, 18.5474, 96.6852



17.5764, 18.5245, 22.8991



11.8564, 8.6224, 50.4740



1.2563, 1.0434, 4.9484

Previews

White Background



This preview shows how the XYZ color 62.3303, 60.2081, 18.9258 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 62.3303, 60.2081, 18.9258 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 62.3303, 60.2081, 18.9258

Background



This preview shows how black text looks on a background with the XYZ color 62.3303, 60.2081, 18.9258.



This preview shows how white text looks on a background with the XYZ color 62.3303, 60.2081,

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

62.3303, 60.2081, 18.9258

Protanopia

55.1615, 60.2363, 20.2747

Deuteranopia

61.4571, 60.0872, 18.9485



Tritanopia

68.6670, 59.9891, 60.7832

Trichromacy



Original Color

62.3303, 60.2081, 18.9258

Protanomaly

57.7370, 60.1761, 19.8814

Deuteranomaly

61.8202, 60.2744, 18.9655

Tritanomaly

65.5684, 59.7645, 41.3376

Monochromacy



Original Color

62.3303, 60.2081, 18.9258

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.9145, 57.7214, 41.9125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3303, 60.2081, 18.9258 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, 193, 94)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 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(255, 193, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 94) }
```

Border

The CSS property to change the border of an element to XYZ 62.3303, 60.2081, 18.9258 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, 193, 94) }
```


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

```
.border{ border-color:rgb(255, 193, 94) }
```

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

Here you see how a box with a 4 pixel rgb(255, 193, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 94);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3303, 60.2081, 18.9258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 94) }
```

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

```
.background{ background-color: rgb(255,  
193, 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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