

Converting Colors

XYZ(62.3477, 59.9254, 18.5030)

Have a look what the booklet for
XYZ(62.3477, 59.9254, 18.5030)
contains.

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Color

**XYZ(62.0214, 59.7320,
18.3858)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC05C
RGB	255, 192, 92
RGB Percent	100%, 75%, 36%
CMY	0.0000, 0.2470, 0.6392
CMYK	0.00, 0.25, 0.64, 0.00
HSL	37°, 100%, 68%
HSV	37°, 64%, 100%
XYZ	62.0214, 59.7320, 18.3858
YIQ	199.4370, 69.6480, -17.7440

Conversions

Conversions Part 2

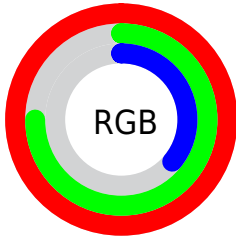
Format	Color
RYB	195, 255, 92
Decimal	16760924
CIELab	81.69, 12.59, 57.89
CIELCh	82, 59.245, 77.726
Yxy	59.7320, 0.4426, 0.4262
Android (android.graphics.Color)	4294951004 (0xFFFFC05C)
YUV	199.4370, -52.9664, 48.7288
Hunter-Lab	77.2865, 7.9926, 39.9959

Details

The XYZ color **62.0214, 59.7320, 18.3858** 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 **34.1844, 32.9366, 99.1628**, and the grayscale version is **54.8401, 57.6960, 62.8310**.

A 20% lighter version of the original color is **79.9182, 90.4391, 40.0324**, and **31.8306, 30.0745, 5.9610** is the 20% darker color. If you saturate the color by 10%, you get **58.9971, 55.1774, 12.7732**, and if you desaturate by 10%, it is **65.5684, 64.7323, 26.0239**.

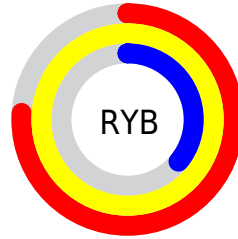
Distribution



Red (100%)

Green (75%)

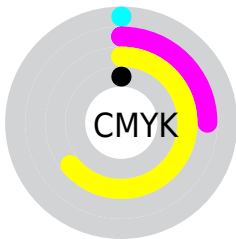
Blue (36%)



Red (76%)

Yellow (100%)

Blue (36%)

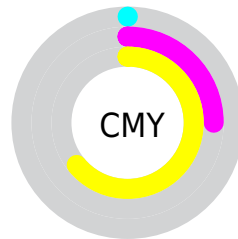


Cyan (0%)

Magenta (25%)

Yellow (64%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0214, 59.7320, 18.3858 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 62.0214, 59.7320, 18.3858 by changing the saturation by 10% instead.


 62.0214, 59.7320,
18.3858


 62.0214, 59.7320,
18.3858


421.7255,
423.6092, 255.3454

 45.3057, 43.2027,
11.0550


 106.8462,
104.4408, 41.5164


 31.9006, 30.0442,
5.9892


 135.6860,
133.3890, 58.1533

 21.4407, 19.8721,
2.7698


 169.2979,
167.2457, 78.7294

 13.5608, 12.3021,
0.9784

 208.0471,
206.3952, 103.6631

 7.8955, 6.9498,
0.0000

252.2992,
251.2219, 133.3730

 4.0794, 3.4307,
0.0000

302.4193,

 1.7472, 1.3605,

302.1102, 168.2777

0.0000

358.7730,
359.4445, 208.7956

■ 0.4855, 0.1873,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0214, 59.7320,
18.3858

■ 62.0214, 59.7320,
18.3858

■ 58.9971, 55.1774,
12.7732

■ 65.5684, 64.7323,
26.0239

■ 56.4492, 51.0383,
8.9743


■ 69.6706, 70.1885,
35.8635

■ 54.3280, 47.2926,
6.7360

■ 74.3622, 76.1210,
48.0654

■ 53.2040, 45.1884,
5.9181

■ 79.6730, 82.5458,
62.7743

 85.6308, 89.4780,
80.1231

 92.2612, 96.9319,
100.2354

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



74.4664, 59.7320, 26.3268



62.0214, 59.7320, 18.3858



49.7855, 59.7320, 19.1233

Triad

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



62.0214, 59.7320, 18.3858



36.8704, 59.7320, 88.2512



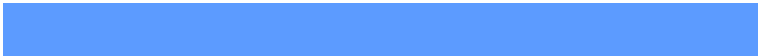
76.4147, 59.7320, 122.9864

Complementary

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



62.0214, 59.7320, 18.3858



34.1844, 32.9366, 99.1628

Split Complementary

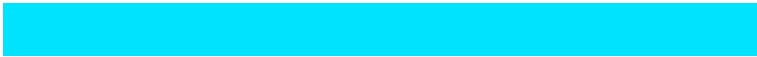
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.3866, 59.7320, 154.7552



62.0214, 59.7320, 18.3858



42.1316, 59.7320, 130.1821

Square

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



62.0214, 59.7320, 18.3858



36.4297, 59.7320, 51.5127



51.8303, 59.7320, 157.7866



83.5555, 59.7320, 80.7450

Rectangle

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



62.0214, 59.7320, 18.3858



43.3367, 59.7320, 24.4576



51.8303, 59.7320, 157.7866



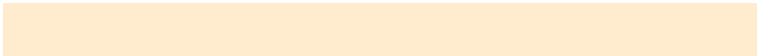
72.7348, 59.7320, 135.8205

Sweetspot

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



62.0228, 59.7349, 18.3870



82.5224, 85.8928, 70.9730



51.1702, 31.3559, 35.3439



17.3046, 17.9650, 14.1542



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.



62.0228, 59.7349, 18.3870



58.1640, 53.8595, 11.4206



73.1870, 90.5908, 23.7543



18.9372, 19.8427, 18.9762



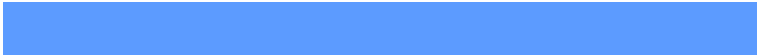
27.9496, 23.9104, 3.1421



2.8274, 2.5401, 0.3413

Inverse Universe

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



34.1844, 32.9366, 99.1628



28.4318, 25.3369, 97.9997



28.0985, 18.0819, 96.6163



17.5786, 18.5288, 22.8999



11.8744, 8.6584, 50.4800



1.2582, 1.0472, 4.9491

Previews

White Background



This preview shows how the XYZ color 62.0214, 59.7320, 18.3858 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 62.0214, 59.7320, 18.3858 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 62.0214, 59.7320, 18.3858

Background



This preview shows how black text looks on a background with the XYZ color 62.0214, 59.7320, 18.3858.



This preview shows how white text looks on a background with the XYZ color 62.0214, 59.7320,

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

62.0214, 59.7320, 18.3858

Protanopia

54.7555, 60.0378, 19.7689

Deuteranopia

61.1466, 59.6081, 18.4080



Tritanopia

68.3443, 59.5265, 60.1122

Trichromacy



Original Color

62.0214, 59.7320, 18.3858

Protanomaly

57.3119, 59.9676, 19.3807

Deuteranomaly

61.5097, 59.7953, 18.4249

Tritanomaly

65.1819, 59.2693, 40.3524

Monochromacy



Original Color

62.0214, 59.7320, 18.3858

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.2985, 57.0780, 41.3603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0214, 59.7320, 18.3858 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, 192, 92)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 92)  
}
```

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, 192, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 92) }
```

Border

The CSS property to change the border of an element to XYZ 62.0214, 59.7320, 18.3858 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, 192, 92) }
```


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

```
.border{ border-color:rgb(255, 192, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 92);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0214, 59.7320, 18.3858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 92) }
```

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

```
.background{ background-color: rgb(255,  
192, 92) }
```

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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