

Converting Colors

XYZ(62.5340, 61.0973, 17.9803)

Have a look what the booklet for
XYZ(62.5340, 61.0973, 17.9803)
contains.

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Color

**XYZ(62.5583, 61.0115,
17.9304)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC359
RGB	255, 195, 89
RGB Percent	100%, 76%, 35%
CMY	0.0000, 0.2353, 0.6510
CMYK	0.00, 0.24, 0.65, 0.00
HSL	38°, 100%, 67%
HSV	38°, 65%, 100%
XYZ	62.5583, 61.0115, 17.9304
YIQ	200.8560, 69.7860, -20.2460

Conversions

Conversions Part 2

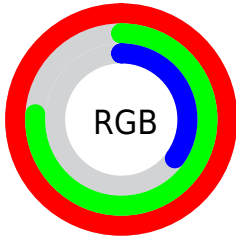
Format	Color
R_{YB}	183, 255, 89
Decimal	16761689
CIE _{Lab}	82.38, 10.86, 60.00
CIE _{LCh}	82, 60.979, 79.745
Yxy	61.0115, 0.4421, 0.4312
Android (android.graphics.Color)	4294951769 (0xFFFFC359)
YUV	200.8560, -55.1450, 47.4843
Hunter-Lab	78.1099, 6.2687, 41.0667

Details

The XYZ color **62.5583, 61.0115, 17.9304** 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 **32.9168, 30.8375, 98.8245**, and the grayscale version is **55.7302, 58.6325, 63.8508**.

A 20% lighter version of the original color is **80.6951, 92.2375, 39.5371**, and **32.2099, 30.9308, 5.7860** is the 20% darker color. If you saturate the color by 10%, you get **59.6660, 56.6542, 12.5673**, and if you desaturate by 10%, it is **65.9516, 65.7780, 25.2905**.

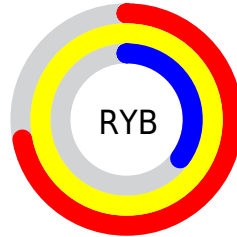
Distribution



Red (100%)

Green (76%)

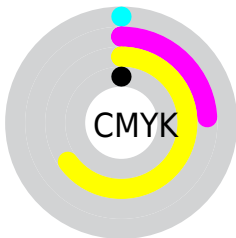
Blue (35%)



Red (72%)

Yellow (100%)

Blue (35%)

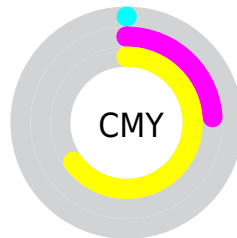


Cyan (0%)

Magenta (24%)

Yellow (65%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5583, 61.0115, 17.9304 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 62.5583, 61.0115, 17.9304 by changing the saturation by 10% instead.

62.5583, 61.0115,
17.9304

62.5583, 61.0115,
17.9304

423.6499,
428.3162, 252.7014

45.7413, 44.2344,
10.7311

107.6174,
106.2956, 40.7310

32.2455, 30.8549,
5.7744

136.5902,
135.5714, 57.1694

21.7055, 20.4884,
2.6419

170.3457,
169.7823, 77.5246

13.7561, 12.7505,
0.9139

209.2491,
209.3126, 102.2152

8.0318, 7.2570,
0.0000

253.6659,
254.5468, 131.6596

4.1673, 3.6233,
0.0000

303.9614,

1.7972, 1.4652,

305.8691, 166.2764

0.0000

360.5009,
363.6641, 206.4841

■ 0.5160, 0.2640,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.5583, 61.0115,
17.9304

■ 62.5583, 61.0115,
17.9304

■ 59.6660, 56.6542,
12.5673

■ 65.9516, 65.7780,
25.2905

■ 57.2280, 52.6765,
8.9853

■ 69.8784, 70.9629,
34.8263

■ 55.1939, 49.0569,
6.9241

■ 74.3727, 76.5858,
46.7004

■ 54.3086, 47.3976,
6.2863

■ 79.4642, 82.6619,
61.0590

85.1804, 89.2055,
78.0359

91.5468, 96.2301,
97.7557

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.



75.7032, 61.0115, 25.3838



62.5583, 61.0115, 17.9304



49.9425, 61.0115, 19.2423

Triad

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



62.5583, 61.0115, 17.9304



37.4875, 61.0115, 93.6924



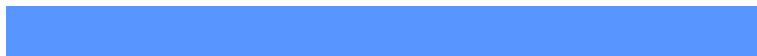
79.2525, 61.0115, 124.3137

Complementary

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



62.5583, 61.0115, 17.9304



32.9168, 30.8375, 98.8245

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.



66.8578, 61.0115, 159.2506



62.5583, 61.0115, 17.9304



43.2801, 61.0115, 137.4791

Square

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



62.5583, 61.0115, 17.9304



36.6924, 61.0115, 54.4750



53.6489, 61.0115, 164.8084



86.2530, 61.0115, 80.0200

Rectangle

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



62.5583, 61.0115, 17.9304



43.4208, 61.0115, 25.1682



53.6489, 61.0115, 164.8084



75.4993, 61.0115, 138.1469

Sweetspot

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



62.5597, 61.0145, 17.9316



82.2984, 85.9382, 69.3769



50.3068, 30.6029, 32.0541



17.2764, 18.0044, 13.8495



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.



62.5597, 61.0145, 17.9316



58.9136, 55.4613, 11.3542



71.1238, 89.5421, 22.9866



18.9768, 19.9217, 18.9894



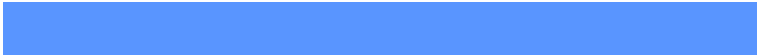
28.5244, 25.0600, 3.3337



2.8811, 2.6475, 0.3592

Inverse Universe

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



32.9168, 30.8375, 98.8245



27.4036, 23.4979, 97.6990



28.1952, 17.7536, 96.5480



17.5403, 18.4523, 22.8871



11.5670, 8.0436, 50.3775



1.2255, 0.9817, 4.9382

Previews

White Background



This preview shows how the XYZ color 62.5583, 61.0115, 17.9304 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 62.5583, 61.0115, 17.9304 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 62.5583, 61.0115, 17.9304

Background



This preview shows how black text looks on a background with the XYZ color 62.5583, 61.0115, 17.9304.



This preview shows how white text looks on a background with the XYZ color 62.5583, 61.0115,

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

62.5583, 61.0115, 17.9304

Protanopia

55.9980, 61.4093, 19.0270

Deuteranopia

62.1913, 60.8223, 17.9132



Tritanopia

69.3191, 60.9242, 62.1389

Trichromacy



Original Color

62.5583, 61.0115, 17.9304

Protanomaly

58.2688, 61.1735, 18.6341

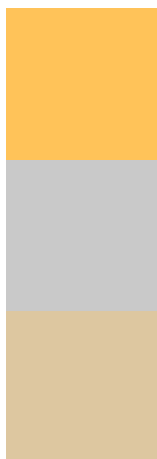
Deuteranomaly

62.1913, 60.8223, 17.9132

Tritanomaly

65.9115, 60.5901, 41.0220

Monochromacy



Original Color

62.5583, 61.0115, 17.9304

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.5874, 58.7571, 41.6165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5583, 61.0115, 17.9304 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, 195, 89)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 89)  
}
```

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, 195, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 89) }
```

Border

The CSS property to change the border of an element to XYZ 62.5583, 61.0115, 17.9304 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, 195, 89) }
```


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

```
.border{ border-color:rgb(255, 195, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 89);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5583, 61.0115, 17.9304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 89) }
```

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

```
.background{ background-color: rgb(255,  
195, 89) }
```

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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