

Converting Colors

XYZ(61.4753, 59.3575, 20.5241)

Have a look what the booklet for
XYZ(61.4753, 59.3575, 20.5241)
contains.

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Color

**XYZ(61.3435, 59.3343,
20.5314)**

Conversions

Conversions Part 1

Format	Color
Hex	FCC065
RGB	252, 192, 101
RGB Percent	99%, 75%, 40%
CMY	0.0118, 0.2470, 0.6039
CMYK	0.00, 0.24, 0.60, 0.01
HSL	36°, 96%, 69%
HSV	36°, 60%, 99%
XYZ	61.3435, 59.3343, 20.5314
YIQ	199.5660, 64.9710, -15.5810

Conversions

Conversions Part 2

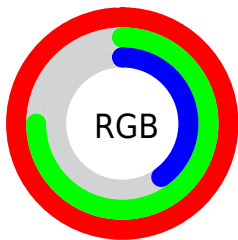
Format	Color
RYB	201, 252, 101
Decimal	16564325
CIELab	81.48, 11.94, 53.37
CIELCh	81, 54.693, 77.385
Yxy	59.3343, 0.4344, 0.4202
Android (android.graphics.Color)	4294754405 (0xFFFC065)
YUV	199.5660, -48.5930, 45.9846
Hunter-Lab	77.0288, 7.3520, 38.1169

Details

The XYZ color **61.3435, 59.3343, 20.5314** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **35.6818, 35.2832, 97.0248**, and the grayscale version is **54.8954, 57.7542, 62.8943**.

A 20% lighter version of the original color is **80.6401, 90.7279, 43.8339**, and **31.5252, 29.8935, 7.0142** is the 20% darker color. If you saturate the color by 10%, you get **58.1692, 54.6680, 14.2877**, and if you desaturate by 10%, it is **65.0487, 64.4569, 28.8202**.

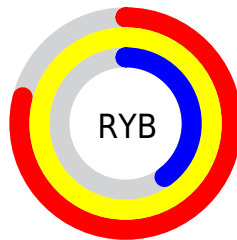
Distribution



Red (99%)

Green (75%)

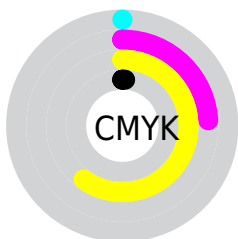
Blue (40%)



Red (79%)

Yellow (99%)

Blue (40%)

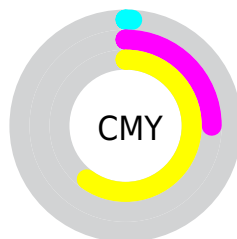


Cyan (0%)

Magenta (24%)

Yellow (60%)

Black (1%)



Cyan (1%)


Magenta (25%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3435, 59.3343, 20.5314 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 61.3435, 59.3343, 20.5314 by changing the saturation by 10% instead.


 61.3435, 59.3343,
20.5314

 61.3435, 59.3343,
20.5314


419.2882,
422.1397, 267.4763

 44.7560, 42.8823,
12.5940


 105.8714,
103.8634, 45.1770


 31.4658, 29.7928,
7.0222


 134.5426,
132.7092, 62.7222

 21.1073, 19.6813,
3.3973


 167.9724,
166.4552, 84.3072

 13.3154, 12.1636,
1.3009

 206.5262,
205.4855, 110.3503

 7.7246, 6.8552,
0.0625

250.5693,
250.1848, 141.2703

 3.9695, 3.3717,
0.0000

300.4671,

 1.6849, 1.3287,

300.9373, 177.4856

0.0000

356.5849,
358.1275, 219.4148

■ 0.4468, 0.1633,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3435, 59.3343,
20.5314

■ 61.3435, 59.3343,
20.5314

■ 58.1692, 54.6680,
14.2877

■ 65.0487, 64.4569,
28.8202

■ 55.4827, 50.4292,
9.8958

■ 69.3146, 70.0454,
39.3166

■ 53.2396, 46.5974,
7.1308

■ 74.1737, 76.1194,
52.1706

■ 51.3672, 43.1386,
5.6251

■ 79.6542, 82.6948,
67.5179

51.3530, 43.1120,
5.6148

85.7825, 89.7862,
85.4839

92.5830, 97.4076,
106.1854

93.9547, 99.4354,
108.8487

Harmonies

Analogous

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



72.6600, 59.3343, 28.4165



61.3435, 59.3343, 20.5314



50.0676, 59.3343, 21.1707

Triad

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



61.3435, 59.3343, 20.5314



37.8806, 59.3343, 85.3430



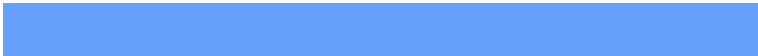
74.2055, 59.3343, 117.4119

Complementary

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



61.3435, 59.3343, 20.5314



35.6818, 35.2832, 97.0248

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.



63.2353, 59.3343, 145.4279



61.3435, 59.3343, 20.5314



42.7595, 59.3343, 123.0272

Square

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



61.3435, 59.3343, 20.5314



37.5179, 59.3343, 51.7854



51.7209, 59.3343, 147.7741



80.7335, 59.3343, 79.3827

Rectangle

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



61.3435, 59.3343, 20.5314



44.0524, 59.3343, 26.3300



51.7209, 59.3343, 147.7741



70.8524, 59.3343, 128.7990

Sweetspot

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



61.3449, 59.3372, 20.5326



82.9767, 86.2999, 72.6707



51.2671, 32.5906, 37.4926



17.3872, 18.0329, 14.4818



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.



61.3449, 59.3372, 20.5326



59.1291, 55.1980, 13.5666



72.0509, 88.5474, 25.6064



18.1149, 18.9657, 18.1684



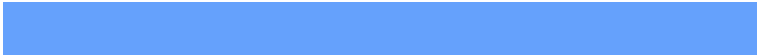
26.8985, 22.7537, 2.9742



2.5948, 2.3144, 0.3100

Inverse Universe

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



35.6818, 35.2832, 97.0248



30.7038, 28.6264, 98.5149



29.4406, 20.0561, 94.4146



16.8489, 17.7746, 21.9281



11.6670, 8.6896, 49.0359



1.1809, 1.0054, 4.5750

Previews

White Background



This preview shows how the XYZ color 61.3435, 59.3343, 20.5314 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 61.3435, 59.3343, 20.5314 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 61.3435, 59.3343, 20.5314

Background



This preview shows how black text looks on a background with the XYZ color 61.3435, 59.3343, 20.5314.



This preview shows how white text looks on a background with the XYZ color 61.3435, 59.3343,

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

61.3435, 59.3343, 20.5314

Protanopia

54.6462, 59.5791, 21.9844

Deuteranopia

60.8433, 59.4035, 20.5712



Tritanopia

68.1373, 59.1125, 60.0432

Trichromacy



Original Color

61.3435, 59.3343, 20.5314

Protanomaly

56.8538, 59.3387, 21.5537

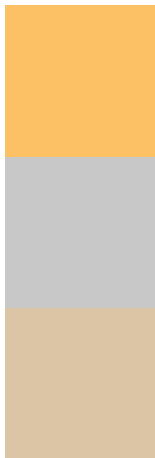
Deuteranomaly

61.2026, 59.5887, 20.5880

Tritanomaly

64.8650, 58.7619, 41.6416

Monochromacy



Original Color

61.3435, 59.3343, 20.5314

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.8805, 57.6729, 43.3087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3435, 59.3343, 20.5314 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(252, 192, 101)` looks like.

```
.text, #text, p{  
    color:rgb(252, 192, 101)  
}
```

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(252, 192, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 192, 101) }
```

Border

The CSS property to change the border of an element to XYZ 61.3435, 59.3343, 20.5314 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(252, 192, 101) }
```


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

```
.border{ border-color:rgb(252, 192, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 192, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 192, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 192, 101);  
box-shadow:4px 4px 4px 4px rgb(252, 192,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3435, 59.3343, 20.5314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 192, 101) }
```

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

```
.background{ background-color: rgb(252,  
192, 101) }
```

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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