

Converting Colors

XYZ(59.6743, 59.3245, 20.1119)

Have a look what the booklet for
XYZ(59.6743, 59.3245, 20.1119)
contains.

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Color

**XYZ(59.7733, 59.5239,
20.1432)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C363
RGB	246, 195, 99
RGB Percent	96%, 76%, 39%
CMY	0.0353, 0.2353, 0.6118
CMYK	0.00, 0.21, 0.60, 0.04
HSL	39°, 89%, 68%
HSV	39°, 60%, 96%
XYZ	59.7733, 59.5239, 20.1432
YIQ	199.3050, 61.2120, -19.0440

Conversions

Conversions Part 2

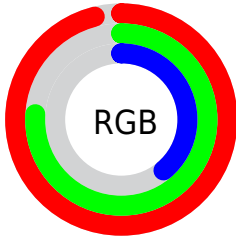
Format	Color
R_{YB}	177, 246, 99
Decimal	16171875
CIE _{Lab}	81.58, 7.78, 54.28
CIE _{LCh}	82, 54.834, 81.844
Yxy	59.5239, 0.4287, 0.4269
Android (android.graphics.Color)	4294361955 (0xFFFF6C363)
YUV	199.3050, -49.4504, 40.9515
Hunter-Lab	77.1517, 3.2773, 38.5265

Details

The XYZ color **59.7733, 59.5239, 20.1432** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **32.6860, 31.1179, 91.4720**, and the grayscale version is **54.7415, 57.5924, 62.7181**.

A 20% lighter version of the original color is **81.4047, 92.5214, 43.2737**, and **30.4358, 29.9903, 6.8739** is the 20% darker color. If you saturate the color by 10%, you get **56.9142, 55.4100, 14.2454**, and if you desaturate by 10%, it is **63.1026, 64.0054, 27.9657**.

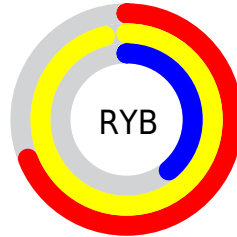
Distribution



Red (96%)

Green (76%)

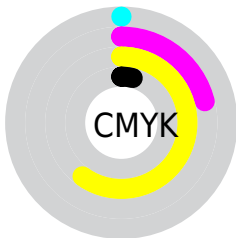
Blue (39%)



Red (69%)

Yellow (96%)

Blue (39%)

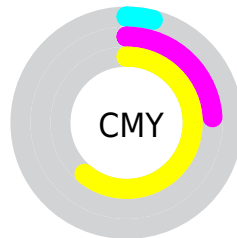


Cyan (0%)

Magenta (21%)

Yellow (60%)

Black (4%)



Cyan (4%)


Magenta (24%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7733, 59.5239, 20.1432 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 59.7733, 59.5239, 20.1432 by changing the saturation by 10% instead.


 59.7733, 59.5239,
20.1432

 59.7733, 59.5239,
20.1432


413.6098,
422.8407, 265.3191


 43.4847, 43.0350,
12.3141


 103.6090,
104.1387, 44.5193


 30.4618, 29.9126,
6.8328


 131.8867,
133.0334, 61.9033

 20.3392, 19.7722,
3.2809


 164.8916,
166.8322, 83.3093

 12.7515, 12.2296,
1.2398

 202.9889,
205.9194, 109.1560

 7.3335, 6.9002,
0.0117

246.5440,
250.6795, 139.8617

 3.7197, 3.3998,
0.0000

295.9223,

 1.5448, 1.3438,

301.4968, 175.8451

0.0000

351.4891,
358.7557, 217.5248

■ 0.3560, 0.1748,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.7733, 59.5239,
20.1432

■ 59.7733, 59.5239,
20.1432

■ 56.9142, 55.4100,
14.2454

■ 63.1026, 64.0054,
27.9657

■ 54.4856, 51.6379,
10.0907


■ 66.9292, 68.8612,
37.8651


■ 52.4471, 48.1908,
7.4687


■ 71.2826, 74.1082,
49.9823


■ 50.7317, 45.0390,
6.0369


■ 76.1885, 79.7593,
64.4449

 50.6919, 44.9647,
6.0073

 81.6710, 85.8268,
81.3706

 87.7523, 92.3222,
100.8692

 91.7337, 98.1685,
108.7213

 91.8159, 98.3328,
108.7486

Harmonies

Analogous

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



71.3768, 59.5239, 26.6605



59.7733, 59.5239, 20.1432



48.7354, 59.5239, 21.9906

Triad

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



59.7733, 59.5239, 20.1432



38.4221, 59.5239, 91.3657



75.8199, 59.5239, 112.3751

Complementary

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



59.7733, 59.5239, 20.1432



32.6860, 31.1179, 91.4720

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.



65.2147, 59.5239, 143.2222



59.7733, 59.5239, 20.1432



43.9767, 59.5239, 128.5043

Square

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



59.7733, 59.5239, 20.1432



37.3772, 59.5239, 56.2303



53.4942, 59.5239, 149.9571



81.4276, 59.5239, 74.2240

Rectangle

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



59.7733, 59.5239, 20.1432



43.0609, 59.5239, 28.1369



53.4942, 59.5239, 149.9571



72.6580, 59.5239, 124.4112

Sweetspot

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



59.7747, 59.5268, 20.1444



83.6502, 87.6467, 72.8952



48.0094, 30.7335, 32.4469



17.5521, 18.3626, 14.5367



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.



59.7747, 59.5268, 20.1444



61.0886, 59.1168, 14.2197



65.9329, 82.6515, 24.2833



17.4026, 18.2893, 17.4105



27.1936, 24.2728, 3.2519



2.4858, 2.3249, 0.3177

Inverse Universe

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



32.6860, 31.1179, 91.4720



29.3546, 25.9280, 98.0652



28.9890, 19.6467, 89.4527



16.0512, 16.8668, 20.9522



10.7449, 7.2836, 47.3776



1.0367, 0.8247, 4.1948

Previews

White Background



This preview shows how the XYZ color 59.7733, 59.5239, 20.1432 looks on a white background.

Color Contrast Check

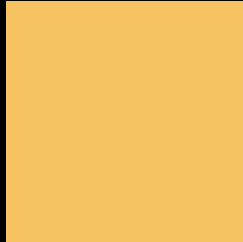
Large Text (above 18pt) WCAG AA × Fail

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 59.7733, 59.5239, 20.1432 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 59.7733, 59.5239, 20.1432

Background



This preview shows how black text looks on a background with the XYZ color 59.7733, 59.5239, 20.1432.



This preview shows how white text looks on a background with the XYZ color 59.7733, 59.5239,

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

59.7733, 59.5239, 20.1432

Protanopia

54.4947, 59.5185, 21.1864

Deuteranopia

60.7464, 59.3648, 20.0612



Tritanopia

68.2066, 59.4290, 61.3022

Trichromacy



Original Color

59.7733, 59.5239, 20.1432

Protanomaly

56.2820, 59.4039, 20.8116

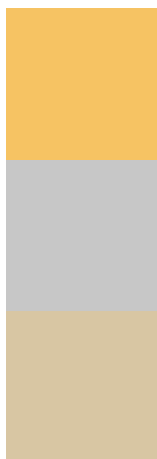
Deuteranomaly

60.6108, 59.6242, 20.1185

Tritanomaly

64.2885, 59.0843, 42.1985

Monochromacy



Original Color

59.7733, 59.5239, 20.1432

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.1238, 57.6314, 42.8690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7733, 59.5239, 20.1432 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(246, 195, 99)` looks like.

```
.text, #text, p{  
    color:rgb(246, 195, 99)  
}
```

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(246, 195, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 195, 99) }
```

Border

The CSS property to change the border of an element to XYZ 59.7733, 59.5239, 20.1432 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(246, 195, 99) }
```


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

```
.border{ border-color:rgb(246, 195, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 195, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 195, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 195, 99);  
box-shadow:4px 4px 4px 4px rgb(246, 195,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7733, 59.5239, 20.1432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 195, 99) }
```

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

```
.background{ background-color: rgb(246,  
195, 99) }
```

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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