

Converting Colors

XYZ(59.5667, 60.2856, 11.2931)

Have a look what the booklet for
XYZ(59.5667, 60.2856, 11.2931)
contains.

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Color

**XYZ(59.5667, 60.2856,
11.2931)**

Conversions

Conversions Part 1

Format	Color
Hex	F9C530
RGB	249, 197, 48
RGB Percent	98%, 77%, 19%
CMY	0.0235, 0.2274, 0.8117
CMYK	0.00, 0.21, 0.81, 0.02
HSL	44°, 94%, 58%
HSV	44°, 81%, 98%
XYZ	59.5667, 60.2856, 11.2931
YIQ	195.5620, 78.8210, -35.3150

Conversions

Conversions Part 2

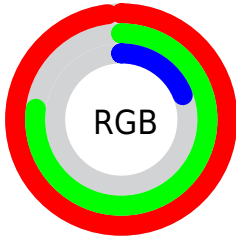
Format	Color
R _Y B	118, 249, 48
Decimal	16368944
CIE Lab	81.99, 5.50, 74.99
CIE LCh	82, 75.187, 85.806
Yxy	60.2856, 0.4542, 0.4597
Android (android.graphics.Color)	4294559024 (0xFFFF9C530)
YUV	195.5620, -72.7481, 46.8651
Hunter-Lab	77.6438, 1.0648, 45.7271

Details

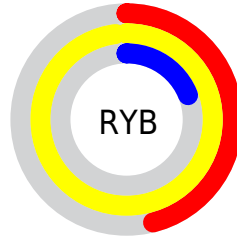
The XYZ color **59.5667, 60.2856, 11.2931** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **22.8751, 16.5822, 91.6170**, and the grayscale version is **52.5973, 55.3365, 60.2614**.

A 20% lighter version of the original color is **79.0191, 92.5721, 27.6134**, and **30.7123, 30.6379, 4.2950** is the 20% darker color. If you saturate the color by 10%, you get **57.7586, 57.2743, 8.8270**, and if you desaturate by 10%, it is **61.7280, 63.5430, 15.2987**.

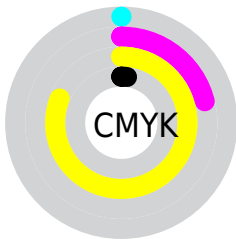
Distribution



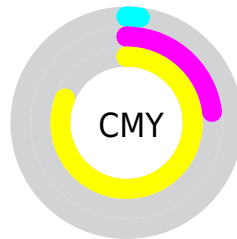
- Red (98%)
- Green (77%)
- Blue (19%)



- Red (46%)
- Yellow (98%)
- Blue (19%)



- Cyan (0%)
- Magenta (21%)
- Yellow (81%)
- Black (2%)



- Cyan (2%)
- Magenta (23%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5667, 60.2856, 11.2931 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 59.5667, 60.2856, 11.2931 by changing the saturation by 10% instead.

59.5667, 60.2856,
11.2931

59.5667, 60.2856,
11.2931

412.8592,
425.6497, 210.4766

43.3176, 43.6489,
6.1477

103.3108,
105.2439, 28.8458

30.3300, 30.3946,
2.8649

131.5365,
134.3342, 42.0901

20.2385, 20.1383,
1.0260

164.4851,
168.3445, 58.8712

12.6778, 12.4956,
0.0000

202.5219,
207.6592, 79.6076

7.2825, 7.0821,
0.0000

246.0124,
252.6627, 104.7178

3.6873, 3.5135,
0.0000

295.3219,

1.5268, 1.4053,

303.7393, 134.6203

0.0000

350.8157,
361.2735, 169.7337

■ 0.3440, 0.2207,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5667, 60.2856,
11.2931

■ 59.5667, 60.2856,
11.2931

■ 57.7586, 57.2743,
8.8270


■ 61.7280, 63.5430,
15.2987


■ 56.3296, 54.6655,
7.5826


■ 64.2813, 67.0561,
21.0625


■ 67.2639, 70.8433,
28.7715


■ 70.7074, 74.9183,
38.5878

 74.6398, 79.2937,
50.6563

 79.0870, 83.9809,
65.1091

 84.0728, 88.9904,
82.0681

 89.6192, 94.3322,
101.6468

 92.8692, 98.8646,
108.7958

Harmonies

Analogous

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



76.2739, 60.2856, 16.5631



59.5667, 60.2856, 11.2931



44.9847, 60.2856, 14.1335

Triad

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



59.5667, 60.2856, 11.2931



33.9310, 60.2856, 111.6576



86.5187, 60.2856, 128.2343

Complementary

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



59.5667, 60.2856, 11.2931



22.8751, 16.5822, 91.6170

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.



71.6791, 60.2856, 180.3632



59.5667, 60.2856, 11.2931



41.7661, 60.2856, 168.0804

Square

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



59.5667, 60.2856, 11.2931



31.8797, 60.2856, 59.4382



55.0909, 60.2856, 197.5674



93.5550, 60.2856, 72.2605

Rectangle

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



59.5667, 60.2856, 11.2931



38.0415, 60.2856, 21.5435



55.0909, 60.2856, 197.5674



82.1578, 60.2856, 147.6390

Sweetspot

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



59.5681, 60.2886, 11.2943



81.8711, 86.9780, 63.3946



42.5026, 23.2055, 14.7068



17.1658, 18.2393, 12.4062



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.



59.5681, 60.2886, 11.2943



59.9161, 58.5452, 8.3621



58.7936, 80.5351, 15.2431



18.3251, 19.3861, 18.2384



30.2735, 29.5037, 4.0992



2.8893, 2.9035, 0.4081

Inverse Universe

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



22.8751, 16.5822, 91.6170



20.4396, 11.8570, 95.8191



22.8654, 11.3817, 90.6137



16.6480, 17.3728, 21.8611



10.2433, 5.8421, 48.5613



1.0305, 0.7047, 4.5249

Previews

White Background



This preview shows how the XYZ color 59.5667, 60.2856, 11.2931 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 59.5667, 60.2856, 11.2931 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 59.5667, 60.2856, 11.2931

Background



This preview shows how black text looks on a background with the XYZ color 59.5667, 60.2856, 11.2931.



This preview shows how white text looks on a background with the XYZ color 59.5667, 60.2856,

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

59.5667, 60.2856, 11.2931

Protanopia

54.7201, 60.5509, 11.8211

Deuteranopia

61.4859, 60.2252, 13.3850



Tritanopia

68.7820, 60.0351, 61.3888

Trichromacy



Original Color

59.5667, 60.2856, 11.2931

Protanomaly

56.2670, 60.2957, 11.5784

Deuteranomaly

60.8125, 60.2286, 12.5578

Tritanomaly

63.6635, 59.2610, 34.0697

Monochromacy



Original Color

59.5667, 60.2856, 11.2931

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.6467, 55.8799, 33.6023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5667, 60.2856, 11.2931 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(249, 197, 48)` looks like.

```
.text, #text, p{  
    color:rgb(249, 197, 48)  
}
```

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(249, 197, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 197, 48) }
```

Border

The CSS property to change the border of an element to XYZ 59.5667, 60.2856, 11.2931 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(249, 197, 48) }
```


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

```
.border{ border-color:rgb(249, 197, 48) }
```

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

Here you see how a box with a 4 pixel rgb(249, 197, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 197, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 197, 48);  
box-shadow:4px 4px 4px 4px rgb(249, 197,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5667, 60.2856, 11.2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 197, 48) }
```

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

```
.background{ background-color: rgb(249,  
197, 48) }
```

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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