

Converting Colors

XYZ(61.1169, 61.0722, 11.9351)

Have a look what the booklet for
XYZ(61.1169, 61.0722, 11.9351)
contains.

XYZ(61.1169, 61.0722, 11.9351)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.1169, 61.0722,
11.9351)**

Conversions

Conversions Part 1

Format	Color
Hex	FDC535
RGB	253, 197, 53
RGB Percent	99%, 77%, 21%
CMY	0.0078, 0.2274, 0.7921
CMYK	0.00, 0.22, 0.79, 0.01
HSL	43°, 98%, 60%
HSV	43°, 79%, 99%
XYZ	61.1169, 61.0722, 11.9351
YIQ	197.3280, 79.6000, -32.9120

Conversions

Conversions Part 2

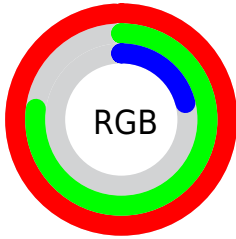
Format	Color
RYB	131, 253, 53
Decimal	16631093
CIELab	82.42, 7.35, 73.97
CIElCh	82, 74.333, 84.326
Yxy	61.0722, 0.4557, 0.4553
Android (android.graphics.Color)	4294821173 (0xFFFDC535)
YUV	197.3280, -71.1537, 48.8243
Hunter-Lab	78.1487, 2.8373, 45.6491

Details

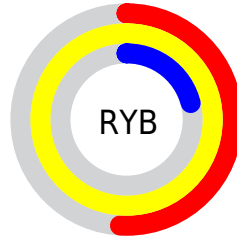
The XYZ color **61.1169, 61.0722, 11.9351** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **24.6665, 18.7858, 95.2538**, and the grayscale version is **53.6542, 56.4484, 61.4723**.

A 20% lighter version of the original color is **79.2345, 92.6583, 28.7477**, and **31.7115, 31.1530, 4.3418** is the 20% darker color. If you saturate the color by 10%, you get **59.1107, 57.7588, 9.1133**, and if you desaturate by 10%, it is **63.5082, 64.6655, 16.3998**.

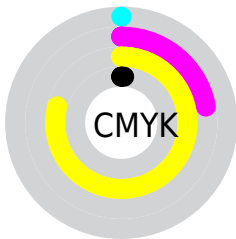
Distribution



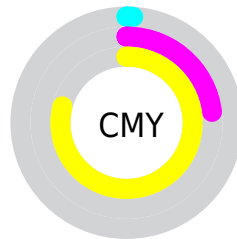
- Red (99%)
- Green (77%)
- Blue (21%)



- Red (51%)
- Yellow (99%)
- Blue (21%)



- Cyan (0%)
- Magenta (22%)
- Yellow (79%)
- Black (1%)



- Cyan (1%)
- Magenta (23%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1169, 61.0722, 11.9351 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 61.1169, 61.0722, 11.9351 by changing the saturation by 10% instead.

61.1169, 61.0722,
11.9351

61.1169, 61.0722,
11.9351

418.4716,
428.5387, 214.9378

44.5724, 44.2834,
6.5775

105.5453,
106.3835, 30.0395

31.3206, 30.8934,
3.1249

134.1600,
135.6748, 43.6233

20.9961, 20.5177,
1.1588

167.5288,
169.9024, 60.7863

13.2336, 12.7719,
0.0000

206.0170,
209.4507, 81.9471

7.6677, 7.2717,
0.0000

249.9900,
254.7040, 107.5240

3.9331, 3.6326,
0.0000

299.8132,

1.6643, 1.4702,

306.0469, 137.9358

0.0000

355.8520,
363.8637, 173.6009

■ 0.4338, 0.2676,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1169, 61.0722,
11.9351

■ 61.1169, 61.0722,
11.9351

■ 59.1107, 57.7588,
9.1133

■ 63.5082, 64.6655,
16.3998

■ 57.4215, 54.6889,
7.5987

■ 66.3238, 68.5487,
22.7275

■ 57.2699, 54.4067,
7.4831

■ 69.6019, 72.7410,
31.1080

■ 73.3748, 77.2568,
41.7065

■ 77.6715, 82.1094,
54.6714

■ 82.5187, 87.3108,
70.1380

■ 87.9409, 92.8724,
88.2317

93.8958, 98.7787,
108.7251

94.3177, 99.6225,
108.8657

Harmonies

Analogous

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



77.7229, 61.0722, 17.7722



61.1169, 61.0722, 11.9351



46.3632, 61.0722, 14.4228

Triad

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



61.1169, 61.0722, 11.9351



34.4455, 61.0722, 109.3821



86.5313, 61.0722, 131.5899

Complementary

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



61.1169, 61.0722, 11.9351



24.6665, 18.7858, 95.2538

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.



71.5459, 61.0722, 182.1457



61.1169, 61.0722, 11.9351



42.0086, 61.0722, 165.7484

Square

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



61.1169, 61.0722, 11.9351



32.6694, 61.0722, 58.2255



55.0822, 61.0722, 196.8767



94.0144, 61.0722, 75.5175

Rectangle

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



61.1169, 61.0722, 11.9351



39.2298, 61.0722, 21.5252



55.0822, 61.0722, 196.8767



82.0858, 61.0722, 150.6532

Sweetspot

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



61.1183, 61.0752, 11.9363



81.4906, 86.2170, 63.2678



44.5777, 24.5479, 17.0467



17.0735, 18.0548, 12.3755



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.



61.1183, 61.0752, 11.9363



59.1189, 56.9042, 8.2401



62.2515, 84.1600, 16.3324



19.1061, 20.1804, 19.0325



30.5951, 29.2014, 4.0239



3.0713, 3.0280, 0.4226

Inverse Universe

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



24.6665, 18.7858, 95.2538



21.1231, 13.1253, 96.0279



23.8624, 12.1437, 94.0142



17.4170, 18.2056, 22.8460



10.7296, 6.3687, 50.0984



1.1322, 0.7950, 4.9071

Previews

White Background



This preview shows how the XYZ color 61.1169, 61.0722, 11.9351 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 61.1169, 61.0722, 11.9351 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 61.1169, 61.0722, 11.9351

Background



This preview shows how black text looks on a background with the XYZ color 61.1169, 61.0722, 11.9351.



This preview shows how white text looks on a background with the XYZ color 61.1169, 61.0722,

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

61.1169, 61.0722, 11.9351

Protanopia

55.3940, 61.2414, 12.5156

Deuteranopia

62.2844, 61.2617, 15.3794



Tritanopia

69.3191, 60.9242, 62.1389

Trichromacy



Original Color

61.1169, 61.0722, 11.9351

Protanomaly

57.2817, 61.1554, 12.2751

Deuteranomaly

61.6564, 60.9680, 13.9872

Tritanomaly

64.6922, 60.4078, 35.4443

Monochromacy



Original Color

61.1169, 61.0722, 11.9351

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.6924, 56.7286, 34.9079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1169, 61.0722, 11.9351 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(253, 197, 53)` looks like.

```
.text, #text, p{  
    color:rgb(253, 197, 53)  
}
```

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(253, 197, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 197, 53) }
```

Border

The CSS property to change the border of an element to XYZ 61.1169, 61.0722, 11.9351 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(253, 197, 53) }
```


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

```
.border{ border-color:rgb(253, 197, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 197, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 197, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 197, 53);  
box-shadow:4px 4px 4px 4px rgb(253, 197,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1169, 61.0722, 11.9351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 197, 53) }
```

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

```
.background{ background-color: rgb(253,  
197, 53) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor