

Converting Colors

XYZ(128.7947, 96.3645,
14.2503)

Have a look what the booklet for
XYZ(128.7947, 96.3645, 14.2503)
contains.

XYZ(61.9077, 61.8376, 11.1556)	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(61.9077, 61.8376,
11.1556)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC62D
RGB	255, 198, 45
RGB Percent	100%, 78%, 18%
CMY	0.0000, 0.2235, 0.8235
CMYK	0.00, 0.22, 0.82, 0.00
HSL	44°, 100%, 59%
HSV	44°, 82%, 100%
XYZ	61.9077, 61.8376, 11.1556
YIQ	197.6010, 83.0850, -35.4990

Conversions

Conversions Part 2

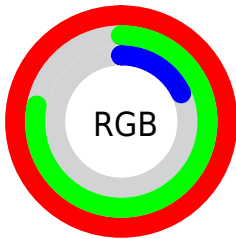
Format	Color
R _Y B	123, 255, 45
Decimal	16762413
CIE Lab	82.83, 7.44, 76.81
CIE LCh	83, 77.165, 84.469
Yxy	61.8376, 0.4589, 0.4584
Android (android.graphics.Color)	4294952493 (0xFFFFC62D)
YUV	197.6010, -75.2323, 50.3389
Hunter-Lab	78.6369, 2.9114, 46.6348

Details

The XYZ color **61.9077, 61.8376, 11.1556** 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 **23.8836, 17.2805, 96.6836**, and the grayscale version is **53.8428, 56.6468, 61.6884**.

A 20% lighter version of the original color is **79.2316, 93.1635, 27.1710**, and **32.1177, 31.5883, 4.4044** is the 20% darker color. If you saturate the color by 10%, you get **60.0112, 58.6078, 8.7885**, and if you desaturate by 10%, it is **64.1752, 65.3365, 15.1074**.

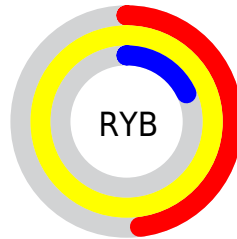
Distribution



Red (100%)

Green (78%)

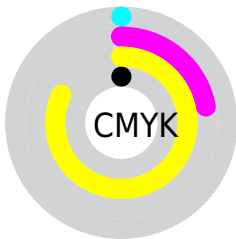
Blue (18%)



Red (48%)

Yellow (100%)

Blue (18%)

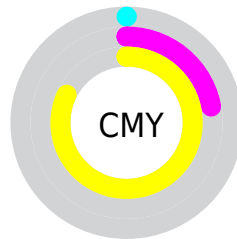


Cyan (0%)

Magenta (22%)

Yellow (82%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9077, 61.8376, 11.1556 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 61.9077, 61.8376, 11.1556 by changing the saturation by 10% instead.

61.9077, 61.8376,
11.1556

61.9077, 61.8376,
11.1556

421.3173,
431.3385, 209.5076

45.2134, 44.9015,
6.0561

106.6828,
107.4908, 28.5886

31.8276, 31.3798,
2.8099

135.4944,
136.9766, 41.7591

21.3847, 20.8883,
0.9984

169.0757,
171.4145, 58.4571

13.5196, 13.0423,
0.0000

207.7923,
211.1889, 79.1011

7.8668, 7.4577,
0.0000

252.0094,
256.6840, 104.1096

4.0609, 3.7500,
0.0000

302.0923,

1.7366, 1.5347,

308.2844, 133.9011

0.0000

358.4065,
366.3744, 168.8943

■ 0.4790, 0.3130,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9077, 61.8376,
11.1556

■ 61.9077, 61.8376,
11.1556

■ 60.0112, 58.6078,
8.7885

■ 64.1752, 65.3365,
15.1074

■ 58.7548, 56.2900,
7.7684

■ 66.8569, 69.1156,
20.8849

■ 69.9933, 73.1954,
28.6915

■ 73.6187, 77.5907,
38.7028

■ 77.7635, 82.3154,
51.0751

■ 82.4557, 87.3818,
65.9504

■ 87.7207, 92.8016,
83.4595

■ 93.5825, 98.5858,
103.7242

■ 95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



79.3599, 61.8376, 16.9527



61.9077, 61.8376, 11.1556



46.5129, 61.8376, 13.6743

Triad

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



61.9077, 61.8376, 11.1556



34.2325, 61.8376, 112.7710



88.7884, 61.8376, 135.7109

Complementary

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



61.9077, 61.8376, 11.1556



23.8836, 17.2805, 96.6836

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.



73.0220, 61.8376, 189.6269



61.9077, 61.8376, 11.1556



42.0979, 61.8376, 172.5799

Square

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



61.9077, 61.8376, 11.1556



32.3704, 61.8376, 58.8924



55.7494, 61.8376, 205.5899



96.6438, 61.8376, 76.5387

Rectangle

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



61.9077, 61.8376, 11.1556



39.1189, 61.8376, 20.8748



55.7494, 61.8376, 205.5899



84.1094, 61.8376, 155.9819

Sweetspot

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



61.9091, 61.8407, 11.1568



81.1582, 86.0061, 61.7579



44.7027, 24.1469, 15.5362



17.0159, 18.0263, 12.0889



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.



61.9091, 61.8407, 11.1568



58.9152, 56.5880, 7.8906



62.6699, 85.3374, 15.6520



19.1198, 20.2078, 19.0371



30.8314, 29.6740, 4.1027



3.0927, 3.0708, 0.4297

Inverse Universe

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



23.8836, 17.2805, 96.6836



20.3393, 11.7512, 95.8040



23.2543, 11.2963, 95.5617



17.4041, 18.1798, 22.8417



10.6553, 6.2202, 50.0736



1.1235, 0.7776, 4.9042

Previews

White Background



This preview shows how the XYZ color 61.9077, 61.8376, 11.1556 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 61.9077, 61.8376, 11.1556 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 61.9077, 61.8376, 11.1556

Background



This preview shows how black text looks on a background with the XYZ color 61.9077, 61.8376, 11.1556.



This preview shows how white text looks on a background with the XYZ color 61.9077, 61.8376,

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

61.9077, 61.8376, 11.1556

Protanopia

56.1046, 61.9867, 11.6969

Deuteranopia

62.8065, 61.8326, 17.0121



Tritanopia

69.8629, 61.8253, 62.8949

Trichromacy



Original Color

61.9077, 61.8376, 11.1556

Protanomaly

58.0212, 61.9083, 11.4762

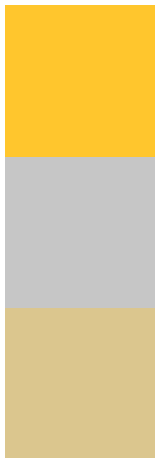
Deuteranomaly

62.3117, 61.6347, 14.4069

Tritanomaly

65.1237, 60.9729, 34.7221

Monochromacy



Original Color

61.9077, 61.8376, 11.1556

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.2900, 57.4012, 33.8093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9077, 61.8376, 11.1556 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, 198, 45)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 45)  
}
```

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, 198, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 45) }
```

Border

The CSS property to change the border of an element to XYZ 61.9077, 61.8376, 11.1556 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, 198, 45) }
```


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

```
.border{ border-color:rgb(255, 198, 45) }
```

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

Here you see how a box with a 4 pixel rgb(255, 198, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 45);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9077, 61.8376, 11.1556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 45) }
```

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

```
.background{ background-color: rgb(255,  
198, 45) }
```

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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