

Converting Colors

XYZ(61.6860, 61.2248, 11.6040)

Have a look what the booklet for
XYZ(61.6860, 61.2248, 11.6040)
contains.

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Color

**XYZ(61.7820, 61.4228,
11.6171)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC532
RGB	255, 197, 50
RGB Percent	100%, 77%, 20%
CMY	0.0000, 0.2274, 0.8039
CMYK	0.00, 0.23, 0.80, 0.00
HSL	43°, 100%, 60%
HSV	43°, 80%, 100%
XYZ	61.7820, 61.4228, 11.6171
YIQ	197.5840, 81.7550, -33.4210

Conversions

Conversions Part 2

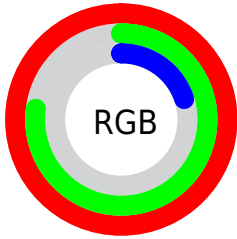
Format	Color
R_{YB}	131, 255, 50
Decimal	16762162
CIE _{Lab}	82.61, 8.10, 75.15
CIE _{LCh}	83, 75.586, 83.849
Yxy	61.4228, 0.4582, 0.4556
Android (android.graphics.Color)	4294952242 (0xFFFFC532)
YUV	197.5840, -72.7589, 50.3538
Hunter-Lab	78.3727, 3.5612, 46.0724

Details

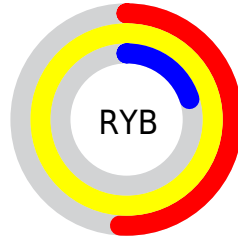
The XYZ color **61.7820, 61.4228, 11.6171** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **24.7279, 18.6229, 96.8984**, and the grayscale version is **53.8184, 56.6211, 61.6604**.

A 20% lighter version of the original color is **79.1256, 92.6147, 28.1741**, and **31.9656, 31.2840, 4.3536** is the 20% darker color. If you saturate the color by 10%, you get **59.7786, 58.0652, 8.9490**, and if you desaturate by 10%, it is **64.1725, 65.0656, 15.9244**.

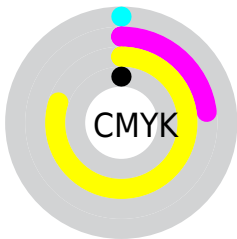
Distribution



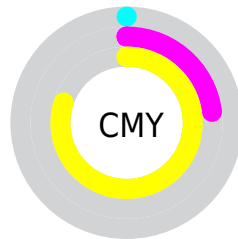
- Red (100%)
- Green (77%)
- Blue (20%)



- Red (51%)
- Yellow (100%)
- Blue (20%)



- Cyan (0%)
- Magenta (23%)
- Yellow (80%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7820, 61.4228, 11.6171 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 61.7820, 61.4228, 11.6171 by changing the saturation by 10% instead.

61.7820, 61.4228,
11.6171

61.7820, 61.4228,
11.6171

420.8657,
429.8225, 212.7408

45.1115, 44.5665,
6.3642

106.5021,
106.8909, 29.4497

31.7469, 31.1161,
2.9954

135.2824,
136.2714, 42.8664

21.3229, 20.6873,
1.0923

168.8301,
170.5955, 59.8415

13.4740, 12.8956,
0.0000

207.5104,
210.2475, 80.7934

7.8350, 7.3567,
0.0000

251.6888,
255.6118, 106.1408

4.0405, 3.6862,
0.0000

301.7306,

1.7251, 1.4996,

307.0728, 136.3021

0.0000

358.0011,
365.0149, 171.6959

■ 0.4719, 0.2884,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7820, 61.4228,
11.6171

■ 61.7820, 61.4228,
11.6171

■ 59.7786, 58.0652,
8.9490


■ 64.1725, 65.0656,
15.9244


■ 58.1444, 55.0693,
7.5649


■ 66.9914, 69.0044,
22.1017

■ 70.2783, 73.2591,
30.3465

■ 74.0666, 77.8450,
40.8299

 78.3865, 82.7754,
53.7054

 83.2654, 88.0631,
69.1125

 88.7287, 93.7197,
87.1802

94.8000, 99.7561,
108.0286

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



78.7499, 61.4228, 17.6144



61.7820, 61.4228, 11.6171



46.6708, 61.4228, 13.9717

Triad

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



61.7820, 61.4228, 11.6171



34.2753, 61.4228, 109.8182



87.3152, 61.4228, 134.5098

Complementary

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



61.7820, 61.4228, 11.6171



24.7279, 18.6229, 96.8984

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.



71.9014, 61.4228, 186.1388



61.7820, 61.4228, 11.6171



41.8665, 61.4228, 167.8598

Square

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



61.7820, 61.4228, 11.6171



32.5656, 61.4228, 57.7688



55.1063, 61.4228, 200.5497



95.1467, 61.4228, 76.8998

Rectangle

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



61.7820, 61.4228, 11.6171



39.3522, 61.4228, 20.9703



55.1063, 61.4228, 200.5497



82.7255, 61.4228, 154.0406

Sweetspot

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



61.7834, 61.4258, 11.6183



81.4385, 86.1128, 63.2504



45.0920, 24.6261, 16.5884



17.0609, 18.0295, 12.3713



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.



61.7834, 61.4258, 11.6183



58.8014, 56.2934, 8.0595



63.0805, 85.5374, 16.2039



19.1015, 20.1711, 19.0310



30.5152, 29.0416, 3.9973



3.0640, 3.0134, 0.4202

Inverse Universe

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



24.7279, 18.6229, 96.8984



21.0065, 12.9434, 95.9989



23.8501, 11.9036, 95.6477



17.4214, 18.2144, 22.8475



10.7555, 6.4207, 50.1070



1.1352, 0.8011, 4.9081

Previews

White Background



This preview shows how the XYZ color 61.7820, 61.4228, 11.6171 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 61.7820, 61.4228, 11.6171 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 61.7820, 61.4228, 11.6171

Background



This preview shows how black text looks on a background with the XYZ color 61.7820, 61.4228, 11.6171.



This preview shows how white text looks on a background with the XYZ color 61.7820, 61.4228,

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

61.7820, 61.4228, 11.6171

Protanopia

55.6461, 61.3795, 12.1634

Deuteranopia

62.4279, 61.3190, 16.1349



Tritanopia

69.5320, 61.3500, 62.2098

Trichromacy



Original Color

61.7820, 61.4228, 11.6171

Protanomaly

57.8887, 61.4762, 11.9470

Deuteranomaly

62.0541, 61.1695, 14.1665

Tritanomaly

64.9816, 60.5659, 35.0536

Monochromacy



Original Color

61.7820, 61.4228, 11.6171

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.4415, 57.4619, 34.6074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7820, 61.4228, 11.6171 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, 197, 50)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 50)  
}
```

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, 197, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 50) }
```

Border

The CSS property to change the border of an element to XYZ 61.7820, 61.4228, 11.6171 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, 197, 50) }
```


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

```
.border{ border-color:rgb(255, 197, 50) }
```

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

Here you see how a box with a 4 pixel rgb(255, 197, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 50);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7820, 61.4228, 11.6171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 50) }
```

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

```
.background{ background-color: rgb(255,  
197, 50) }
```

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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