

Converting Colors

XYZ(53.7277, 58.1250, 11.2935)

Have a look what the booklet for
XYZ(53.7277, 58.1250, 11.2935)
contains.

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Color

**XYZ(53.8418, 58.3533,
11.3313)**

Conversions

Conversions Part 1

Format	Color
Hex	E6C831
RGB	230, 200, 49
RGB Percent	90%, 78%, 19%
CMY	0.0980, 0.2157, 0.8078
CMYK	0.00, 0.13, 0.79, 0.10
HSL	50°, 78%, 55%
HSV	50°, 79%, 90%
XYZ	53.8418, 58.3533, 11.3313
YIQ	191.7560, 66.3510, -40.6010

Conversions

Conversions Part 2

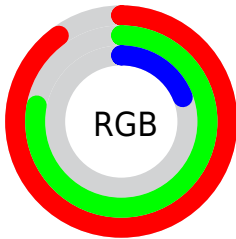
Format	Color
R _Y B	85, 230, 49
Decimal	15124529
CIE Lab	80.93, -4.11, 73.05
CIE LCh	81, 73.171, 93.221
Yxy	58.3533, 0.4359, 0.4724
Android (android.graphics.Color)	4293314609 (0xFFE6C831)
YUV	191.7560, -70.3787, 33.5400
Hunter-Lab	76.3893, -7.8685, 44.6777

Details

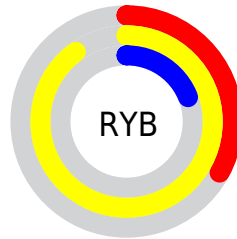
The XYZ color **53.8418, 58.3533, 11.3313** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **18.3457, 11.9582, 76.2036**, and the grayscale version is **50.3326, 52.9539, 57.6668**.

A 20% lighter version of the original color is **79.7068, 93.8627, 28.1037**, and **27.0113, 29.4135, 4.2537** is the 20% darker color. If you saturate the color by 10%, you get **52.6033, 56.4653, 9.1041**, and if you desaturate by 10%, it is **55.3524, 60.3899, 14.8710**.

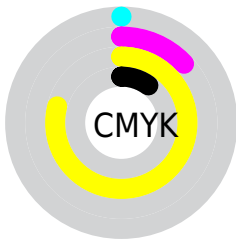
Distribution



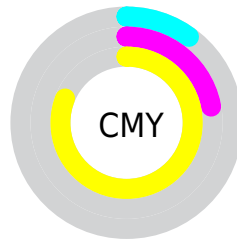
- Red (90%)
- Green (78%)
- Blue (19%)



- Red (33%)
- Yellow (90%)
- Blue (19%)



- Cyan (0%)
- Magenta (13%)
- Yellow (79%)
- Black (10%)



- Cyan (10%)
- Magenta (22%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8418, 58.3533, 11.3313 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 53.8418, 58.3533, 11.3313 by changing the saturation by 10% instead.

■ 53.8418, 58.3533,
11.3313

■ 53.8418, 58.3533,
11.3313

391.7147,
418.5011, 210.7449

■ 38.7054, 42.0927,
6.1732

■ 95.0002, 102.4372,
28.9171

■ 26.7103, 29.1739,
2.8802

■ 121.7528,
131.0293, 42.1819

■ 17.4912, 19.2124,
1.0338

■ 153.1083,
164.5007, 58.9860

■ 10.6828, 11.8239,
0.0000

■ 189.4318,
203.2358, 79.7480

■ 5.9197, 6.6239,
0.0000

■ 231.0889,
247.6190, 104.8863

■ 2.8365, 3.2280,
0.0000

278.4448,

■ 1.0679, 1.2519,

298.0347, 134.8195

0.0000

331.8650,
354.8673, 169.9662

■ 0.0000, 0.1035,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.8418, 58.3533,
11.3313

■ 53.8418, 58.3533,
11.3313

■ 52.6033, 56.4653,
9.1041

■ 55.3524, 60.3899,
14.8710

■ 51.5833, 54.6973,
7.9252

■ 57.1643, 62.5803,
19.8943

■ 51.4573, 54.4717,
7.8020

■ 59.3071, 64.9387,
26.5501

■ 61.8057, 67.4754,
34.9683

■ 64.6823, 70.1995,
45.2656

■ 67.9574, 73.1194,
57.5488

■ 71.6498, 76.2429,
71.9167

■ 75.7772, 79.5774,
88.4613

■ 80.1938, 83.0646,
106.4141

Harmonies

Analogous

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



69.6545, 58.3533, 14.3611



53.8418, 58.3533, 11.3313



40.9815, 58.3533, 16.1723

Triad

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



53.8418, 58.3533, 11.3313



34.4835, 58.3533, 121.1008



85.7556, 58.3533, 109.0395

Complementary

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



53.8418, 58.3533, 11.3313



18.3457, 11.9582, 76.2036

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.



73.0080, 58.3533, 162.0391



53.8418, 58.3533, 11.3313



43.3433, 58.3533, 170.9507

Square

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



53.8418, 58.3533, 11.3313



31.1607, 58.3533, 68.3423



57.1165, 58.3533, 188.5827



89.9389, 58.3533, 58.9621

Rectangle

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



53.8418, 58.3533, 11.3313



35.2449, 58.3533, 25.5252



57.1165, 58.3533, 188.5827



82.2284, 58.3533, 127.7426

Sweetspot

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



53.8431, 58.3561, 11.3325



83.5647, 90.3652, 63.9591



35.1490, 19.5871, 9.3581



17.5777, 19.0632, 12.5436



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.



53.8431, 58.3561, 11.3325



65.6997, 70.0381, 10.5192



45.3571, 65.3242, 13.1247



15.3876, 16.3892, 15.2569



29.2098, 30.9938, 4.4429



2.2128, 2.3989, 0.3464

Inverse Universe

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



18.3457, 11.9582, 76.2036



19.6191, 10.0585, 95.5152



21.7297, 11.1829, 75.8756



13.7748, 14.2711, 18.1729



8.5399, 4.1419, 42.7325



0.6893, 0.4225, 3.1772

Previews

White Background



This preview shows how the XYZ color 53.8418, 58.3533, 11.3313 looks on a white background.

Color Contrast Check

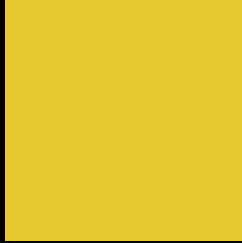
Large Text (above 18pt) WCAG AA × Fail

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 53.8418, 58.3533, 11.3313 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 53.8418, 58.3533, 11.3313

Background



This preview shows how black text looks on a background with the XYZ color 53.8418, 58.3533, 11.3313.



This preview shows how white text looks on a background with the XYZ color 53.8418, 58.3533,

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

53.8418, 58.3533, 11.3313

Protanopia

53.0389, 58.6316, 11.4273

Deuteranopia

59.7814, 58.4013, 11.4899



Tritanopia

64.3771, 58.0356, 63.0673

Trichromacy



Original Color

53.8418, 58.3533, 11.3313

Protanomaly

53.1196, 58.3259, 11.3641

Deuteranomaly

57.5678, 58.2440, 11.4569

Tritanomaly

58.7442, 57.3415, 35.1660

Monochromacy



Original Color

53.8418, 58.3533, 11.3313

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.7023, 54.0455, 32.6232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8418, 58.3533, 11.3313 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(230, 200, 49)` looks like.

```
.text, #text, p{  
    color:rgb(230, 200, 49)  
}
```

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(230, 200, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 200, 49) }
```

Border

The CSS property to change the border of an element to XYZ 53.8418, 58.3533, 11.3313 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(230, 200, 49) }
```


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

```
.border{ border-color:rgb(230, 200, 49) }
```

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

Here you see how a box with a 4 pixel rgb(230, 200, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 200, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 200, 49);  
box-shadow:4px 4px 4px 4px rgb(230, 200,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8418, 58.3533, 11.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 200, 49) }
```

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

```
.background{ background-color: rgb(230,  
200, 49) }
```

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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