

Converting Colors

XYZ(53.7221, 58.1399, 10.9783)

Have a look what the booklet for
XYZ(53.7221, 58.1399, 10.9783)
contains.

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Color

**XYZ(53.7805, 58.3288,
11.0088)**

Conversions

Conversions Part 1

Format	Color
Hex	E6C82E
RGB	230, 200, 46
RGB Percent	90%, 78%, 18%
CMY	0.0980, 0.2157, 0.8196
CMYK	0.00, 0.13, 0.80, 0.10
HSL	50°, 79%, 54%
HSV	50°, 80%, 90%
XYZ	53.7805, 58.3288, 11.0088
YIQ	191.4140, 67.3140, -41.5340

Conversions

Conversions Part 2

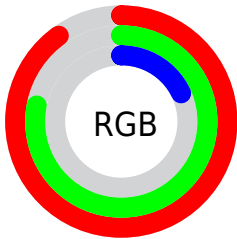
Format	Color
R _Y B	82, 230, 46
Decimal	15124526
CIE Lab	80.92, -4.21, 73.93
CIE LCh	81, 74.052, 93.259
Yxy	58.3288, 0.4368, 0.4738
Android (android.graphics.Color)	4293314606 (0xFFE6C82E)
YUV	191.4140, -71.6891, 33.8399
Hunter-Lab	76.3733, -7.9572, 44.9150

Details

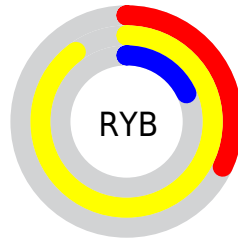
The XYZ color **53.7805, 58.3288, 11.0088** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **17.9942, 11.4629, 76.1264**, and the grayscale version is **50.1397, 52.7509, 57.4457**.

A 20% lighter version of the original color is **79.6015, 93.8206, 27.5494**, and **27.0113, 29.4135, 4.2537** is the 20% darker color. If you saturate the color by 10%, you get **52.5855, 56.4806, 8.9413**, and if you desaturate by 10%, it is **55.2420, 60.3222, 14.3630**.

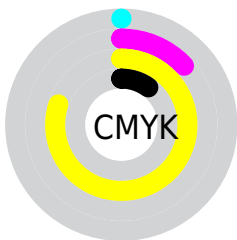
Distribution



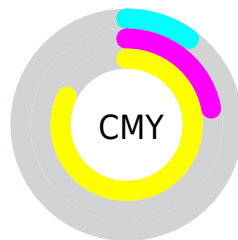
- Red (90%)
- Green (78%)
- Blue (18%)



- Red (32%)
- Yellow (90%)
- Blue (18%)



- Cyan (0%)
- Magenta (13%)
- Yellow (80%)
- Black (10%)



- Cyan (10%)
- Magenta (22%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7805, 58.3288, 11.0088 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 53.7805, 58.3288, 11.0088 by changing the saturation by 10% instead.

■ 53.7805, 58.3288,
11.0088

■ 53.7805, 58.3288,
11.0088

391.4845,
418.4100, 208.4675

■ 38.6562, 42.0730,
5.9585

■ 94.9107, 102.4015,
28.3133

■ 26.6719, 29.1585,
2.7515

■ 121.6472,
130.9873, 41.4047

■ 17.4623, 19.2007,
0.9692

■ 152.9852,
164.4518, 58.0134

■ 10.6620, 11.8154,
0.0000

■ 189.2900,
203.1795, 78.5581

■ 5.9056, 6.6181,
0.0000

■ 230.9270,
247.5548, 103.4574

■ 2.8279, 3.2244,
0.0000

■ 278.2615,

■ 1.0634, 1.2500,

297.9620, 133.1297

0.0000

331.6589,
354.7856, 167.9935

■ 0.0000, 0.1020,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.7805, 58.3288,
11.0088

■ 53.7805, 58.3288,
11.0088

■ 52.5855, 56.4806,
8.9413

■ 55.2420, 60.3222,
14.3630

■ 51.5942, 54.7455,
7.8478

■ 57.0002, 62.4663,
19.1796

■ 51.5939, 54.7450,
7.8476

■ 59.0851, 64.7756,
25.6104

■ 61.5220, 67.2605,
33.7871

■ 64.3334, 69.9302,
43.8282

■ 67.5399, 72.7932,
55.8414

■ 71.1607, 75.8574,
69.9266

■ 75.2134, 79.1301,
86.1766

■ 79.7149, 82.6181,
104.6787

Harmonies

Analogous

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



69.7913, 58.3288, 14.0116



53.7805, 58.3288, 11.0088



40.7921, 58.3288, 15.8383

Triad

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



53.7805, 58.3288, 11.0088



34.2609, 58.3288, 121.9810



86.1561, 58.3288, 109.5800

Complementary

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



53.7805, 58.3288, 11.0088



17.9942, 11.4629, 76.1264

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.



73.2310, 58.3288, 163.5070



53.7805, 58.3288, 11.0088



43.2043, 58.3288, 172.6907

Square

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



53.7805, 58.3288, 11.0088



30.9076, 58.3288, 68.4324



57.1328, 58.3288, 190.6022



90.3899, 58.3288, 58.8298

Rectangle

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



53.7805, 58.3288, 11.0088



35.0117, 58.3288, 25.2085



57.1328, 58.3288, 190.6022



82.5796, 58.3288, 128.5898

Sweetspot

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



53.7818, 58.3316, 11.0100



83.6147, 90.4652, 63.9758



34.9381, 19.3085, 8.8461



17.5899, 19.0876, 12.5476



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.



53.7818, 58.3316, 11.0100



65.6205, 69.9316, 10.3325



45.0809, 65.1888, 12.7921



15.3911, 16.3961, 15.2580



29.2863, 31.1467, 4.4684



2.2178, 2.4088, 0.3481

Inverse Universe

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



17.9942, 11.4629, 76.1264



19.3228, 9.5760, 95.4377



21.3641, 10.8144, 75.8236



13.7717, 14.2647, 18.1719



8.5279, 4.1180, 42.7286



0.6878, 0.4195, 3.1767

Previews

White Background



This preview shows how the XYZ color 53.7805, 58.3288, 11.0088 looks on a white background.

Color Contrast Check

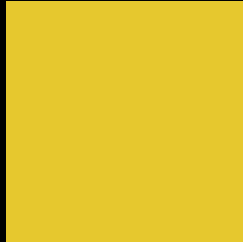
Large Text (above 18pt) WCAG AA × Fail

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 53.7805, 58.3288, 11.0088 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 53.7805, 58.3288, 11.0088

Background



This preview shows how black text looks on a background with the XYZ color 53.7805, 58.3288, 11.0088.

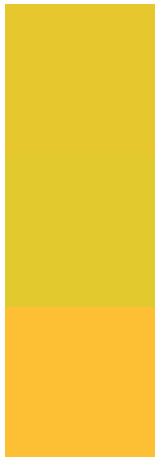


This preview shows how white text looks on a background with the XYZ color 53.7805, 58.3288,

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

53.7805, 58.3288, 11.0088

Protanopia

52.7438, 58.1393, 11.0269

Deuteranopia

59.7364, 58.3833, 11.2526



Tritanopia

64.3771, 58.0356, 63.0673

Trichromacy



Original Color

53.7805, 58.3288, 11.0088

Protanomaly

53.0583, 58.3014, 11.0416

Deuteranomaly

57.5024, 58.2178, 11.1122

Tritanomaly

58.6667, 57.3105, 34.7580

Monochromacy



Original Color

53.7805, 58.3288, 11.0088

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.0561, 53.3977, 31.7660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7805, 58.3288, 11.0088 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, 46)` looks like.

```
.text, #text, p{  
    color:rgb(230, 200, 46)  
}
```

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, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 200, 46) }
```

Border

The CSS property to change the border of an element to XYZ 53.7805, 58.3288, 11.0088 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, 46) }
```


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

```
.border{ border-color:rgb(230, 200, 46) }
```

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, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 200, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 200, 46);  
box-shadow:4px 4px 4px 4px rgb(230, 200,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7805, 58.3288, 11.0088 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, 46) }
```

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

```
.background{ background-color: rgb(230,  
200, 46) }
```

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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