

Converting Colors

XYZ(58.2853, 70.5789, 11.1748)

Have a look what the booklet for
XYZ(58.2853, 70.5789, 11.1748)
contains.

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Color

**XYZ(58.0544, 70.2870,
11.1231)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E213
RGB	224, 226, 19
RGB Percent	88%, 89%, 7%
CMY	0.1216, 0.1137, 0.9254
CMYK	0.01, 0.00, 0.92, 0.11
HSL	61°, 84%, 48%
HSV	61°, 92%, 89%
XYZ	58.0544, 70.2870, 11.1231
YIQ	201.8040, 65.2550, -64.8010

Conversions

Conversions Part 2

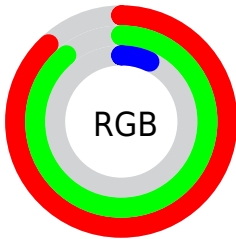
Format	Color
R _Y B	19, 226, 21
Decimal	14737939
CIE Lab	87.14, -20.33, 84.33
CIE LCh	87, 86.744, 103.552
Yxy	70.2870, 0.4163, 0.5040
Android (android.graphics.Color)	4292928019 (0xFFE0E213)
YUV	201.8040, -90.1224, 19.4659
Hunter-Lab	83.8373, -23.1104, 50.8199

Details

The XYZ color **58.0544, 70.2870, 11.1231** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **14.2714, 6.1175, 72.3845**, and the grayscale version is **56.5356, 59.4799, 64.7736**.

A 20% lighter version of the original color is **79.0656, 93.6062, 24.7271**, and **29.8728, 37.0183, 5.5708** is the 20% darker color. If you saturate the color by 10%, you get **57.8811, 70.2137, 10.5019**, and if you desaturate by 10%, it is **58.4174, 70.4427, 12.6730**.

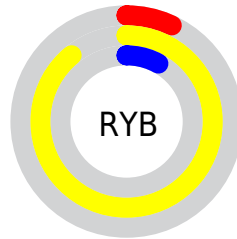
Distribution



Red (88%)

Green (89%)

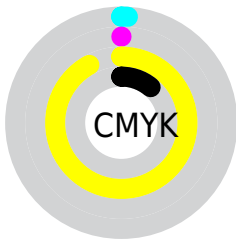
Blue (7%)



Red (7%)

Yellow (89%)

Blue (8%)

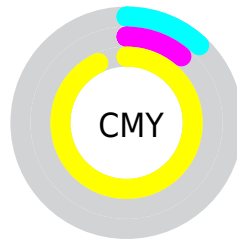


Cyan (1%)

Magenta (0%)

Yellow (92%)

Black (11%)



Cyan (12%)


Magenta (11%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0544, 70.2870, 11.1231 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 58.0544, 70.2870, 11.1231 by changing the saturation by 10% instead.


 58.0544, 70.2870,
11.1231


 58.0544, 70.2870,
11.1231


407.3392,
461.5571, 209.2778


 42.0958, 51.7605,
6.0345


 101.1246,
119.6179, 28.5277

 29.3678, 36.8142,
2.7969


 128.9669,
151.1912, 41.6808


 19.5049, 25.0637,
0.9919


 161.5012,
187.8822, 58.3590

 12.1418, 16.1245,
0.0000

 199.0927,
230.0754, 78.9811

 6.9132, 9.6123,
0.0000

 242.1070,
278.1550, 103.9655

 3.4537, 5.1427,
0.0000

 290.9092,

 1.3980, 2.3312,

332.5056, 133.7307

0.0000

345.8648,
393.5115, 168.6953

■ 0.2548, 0.7902,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0544, 70.2870,
11.1231

■ 58.0544, 70.2870,
11.1231

■ 57.8811, 70.2137,
10.5019

■ 58.4174, 70.4427,
12.6730

■ 59.0060, 70.6860,
15.4175

■ 59.8555, 71.0337,
19.5350

■ 60.9938, 71.4969,
25.1733

■ 62.4454, 72.0854,
32.4610

■ 64.2322, 72.8080,
41.5132

■ 66.3741, 73.6727,
52.4347

■ 68.8894, 74.6867,
65.3220

■ 71.7951, 75.8569,
80.2651

Harmonies

Analogous

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



78.5012, 70.2870, 11.5329



58.0544, 70.2870, 11.1231



43.3210, 70.2870, 20.6758

Triad

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



58.0544, 70.2870, 11.1231



42.2827, 70.2870, 182.5416



111.7684, 70.2870, 112.8230

Complementary

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



58.0544, 70.2870, 11.1231



14.2714, 6.1175, 72.3845

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.



97.5355, 70.2870, 189.7786



58.0544, 70.2870, 11.1231



56.3336, 70.2870, 242.0357

Square

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



58.0544, 70.2870, 11.1231



35.5439, 70.2870, 105.8897



76.3950, 70.2870, 245.2052



112.4907, 70.2870, 53.1716

Rectangle

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



58.0544, 70.2870, 11.1231



37.5530, 70.2870, 36.7016



76.3950, 70.2870, 245.2052



108.2923, 70.2870, 138.0342

Sweetspot

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



58.0560, 70.2903, 11.1245



85.6337, 96.2052, 60.5941



31.7169, 16.6833, 2.1656



18.1301, 20.5115, 11.9563



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.



58.0560, 70.2903, 11.1245



76.0963, 92.3141, 13.8077



35.4147, 58.6183, 10.0649



14.8580, 16.0225, 14.6163



33.0255, 40.0578, 5.9913



2.2934, 2.7788, 0.4155

Inverse Universe

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



14.2714, 6.1175, 72.3845



18.0809, 7.2360, 95.0514



22.0605, 10.1329, 72.7490



12.9643, 13.2496, 17.2618



7.8529, 3.1436, 41.2412



0.5487, 0.2202, 2.8588

Previews

White Background



This preview shows how the XYZ color 58.0544, 70.2870, 11.1231 looks on a white background.

Color Contrast Check

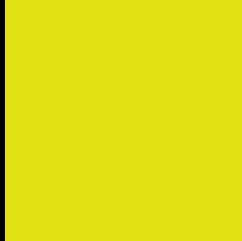
Large Text (above 18pt) WCAG AA × Fail

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 58.0544, 70.2870, 11.1231 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 58.0544, 70.2870, 11.1231

Background



This preview shows how black text looks on a background with the XYZ color 58.0544, 70.2870, 11.1231.



This preview shows how white text looks on a background with the XYZ color 58.0544, 70.2870,

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

58.0544, 70.2870, 11.1231

Protanopia

63.4238, 70.2904, 10.6765

Deuteranopia

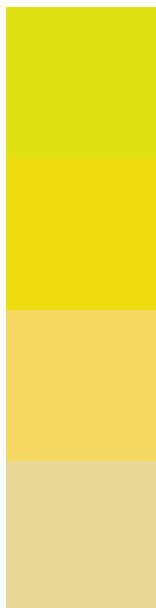
69.4922, 69.8317, 35.8028



Tritanopia

72.5083, 69.9900, 82.3609

Trichromacy



Original Color

58.0544, 70.2870, 11.1231

Protanomaly

61.4747, 70.4571, 10.8497

Deuteranomaly

64.0687, 69.2267, 21.5406

Tritanomaly

64.0735, 68.8385, 39.1883

Monochromacy



Original Color

58.0544, 70.2870, 11.1231

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.2458, 62.0394, 32.0374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0544, 70.2870, 11.1231 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(224, 226, 19)` looks like.

```
.text, #text, p{  
    color:rgb(224, 226, 19)  
}
```

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(224, 226, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 226, 19) }
```

Border

The CSS property to change the border of an element to XYZ 58.0544, 70.2870, 11.1231 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(224, 226, 19) }
```


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

```
.border{ border-color:rgb(224, 226, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 226, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 226, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 226, 19);  
box-shadow:4px 4px 4px 4px rgb(224, 226,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0544, 70.2870, 11.1231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 226, 19) }
```

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

```
.background{ background-color: rgb(224,  
226, 19) }
```

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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