

Converting Colors

XYZ(58.3094, 70.6031, 11.3467)

Have a look what the booklet for
XYZ(58.3094, 70.6031, 11.3467)
contains.

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Color

**XYZ(58.0915, 70.3019,
11.3185)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E0E217 |
| RGB | 224, 226, 23 |
| RGB Percent | 88%, 89%, 9% |
| CMY | 0.1216, 0.1137, 0.9097 |
| CMYK | 0.01, 0.00, 0.90, 0.11 |
| HSL | 61°, 82%, 49% |
| HSV | 61°, 90%, 89% |
| XYZ | 58.0915, 70.3019, 11.3185 |
| YIQ | 202.2600, 63.9710, -63.5570 |

Conversions

Conversions Part 2

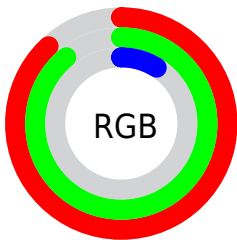
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 23, 226, 25 |
| Decimal | 14737943 |
| CIE Lab | 87.14, -20.27, 83.80 |
| CIE LCh | 87, 86.213, 103.597 |
| Yxy | 70.3019, 0.4158, 0.5032 |
| Android (android.graphics.Color) | 4292928023 (0xFFE0E217) |
| YUV | 202.2600, -88.3752, 19.0660 |
| Hunter-Lab | 83.8462, -23.0601, 50.6887 |

Details

The XYZ color **58.0915, 70.3019, 11.3185** 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 **14.4366, 6.3118, 72.4134**, and the grayscale version is **56.8113, 59.7699, 65.0894**.

A 20% lighter version of the original color is **79.1113, 93.6245, 24.9681**, and **29.8728, 37.0183, 5.5708** is the 20% darker color. If you saturate the color by 10%, you get **57.8713, 70.2085, 10.5134**, and if you desaturate by 10%, it is **58.4932, 70.4732, 13.0652**.

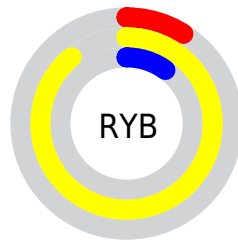
Distribution



Red (88%)

Green (89%)

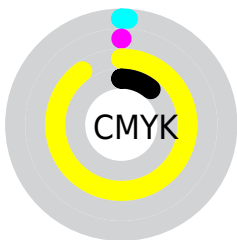
Blue (9%)



Red (9%)

Yellow (89%)

Blue (10%)

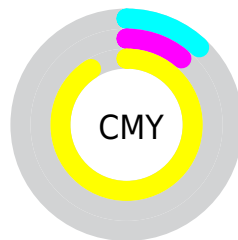


Cyan (1%)

Magenta (0%)

Yellow (90%)

Black (11%)



Cyan (12%)


Magenta (11%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0915, 70.3019, 11.3185 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 58.0915, 70.3019, 11.3185 by changing the saturation by 10% instead.


 58.0915, 70.3019,
11.3185

 58.0915, 70.3019,
11.3185


407.4752,
461.6093, 210.6551


 42.1258, 51.7727,
6.1646


 101.1783,
119.6392, 28.8932

 29.3913, 36.8239,
2.8750


 129.0301,
151.2161, 42.1512


 19.5228, 25.0712,
1.0312


 161.5745,
187.9109, 58.9476

 12.1549, 16.1301,
0.0000

 199.1771,
230.1082, 79.7010

 6.9222, 9.6163,
0.0000

 242.2031,
278.1923, 104.8298

 3.4594, 5.1453,
0.0000

 291.0178,

 1.4011, 2.3328,

332.5476, 134.7528

0.0000

345.9868,
393.5585, 169.8884

■ 0.2570, 0.7910,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0915, 70.3019,
11.3185

■ 58.0915, 70.3019,
11.3185

■ 57.8713, 70.2085,
10.5134

■ 58.4932, 70.4732,
13.0652

■ 57.8678, 70.2069,
10.5013

■ 59.1270, 70.7348,
16.0407

■ 60.0270, 71.1028,
20.4171

■ 61.2204, 71.5882,
26.3382

■ 62.7311, 72.2005,
33.9299

■ 64.5806, 72.9484,
43.3053

■ 66.7886, 73.8396,
54.5676

■ 69.3730, 74.8815,
67.8121

■ 72.3509, 76.0807,
83.1277

Harmonies

Analogous

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



78.4092, 70.3019, 11.7176



58.0915, 70.3019, 11.3185



43.4388, 70.3019, 20.9161

Triad

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



58.0915, 70.3019, 11.3185



42.4366, 70.3019, 181.8410



111.4773, 70.3019, 112.4851

Complementary

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



58.0915, 70.3019, 11.3185



14.4366, 6.3118, 72.4134

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.



97.3699, 70.3019, 188.7905



58.0915, 70.3019, 11.3185



56.4328, 70.3019, 240.7101

Square

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



58.0915, 70.3019, 11.3185



35.7108, 70.3019, 105.8154



76.3814, 70.3019, 243.7512



112.1717, 70.3019, 53.2440

Rectangle

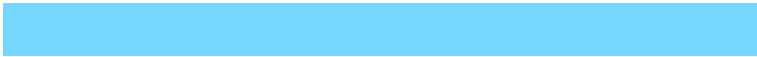
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.0915, 70.3019, 11.3185



37.6995, 70.3019, 36.9468



76.3814, 70.3019, 243.7512



108.0351, 70.3019, 137.4914

Sweetspot

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



58.0931, 70.3052, 11.3199



85.6289, 96.2027, 60.5939



31.8275, 16.8452, 2.3855



18.1290, 20.5109, 11.9562



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.



58.0931, 70.3052, 11.3199



76.0785, 92.3049, 13.8069



35.7392, 58.7813, 10.2738



14.8577, 16.0223, 14.6163



33.0180, 40.0539, 5.9909



2.2930, 2.7786, 0.4155

Inverse Universe

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



14.4366, 6.3118, 72.4134



18.0816, 7.2363, 95.0515



22.4214, 10.4281, 72.7871



12.9645, 13.2497, 17.2618



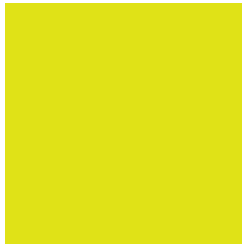
7.8533, 3.1438, 41.2413



0.5488, 0.2202, 2.8588

Previews

White Background



This preview shows how the XYZ color 58.0915, 70.3019, 11.3185 looks on a white background.

Color Contrast Check

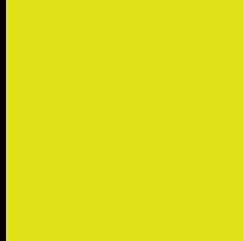
Large Text (above 18pt) WCAG AA × Fail

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 58.0915, 70.3019, 11.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

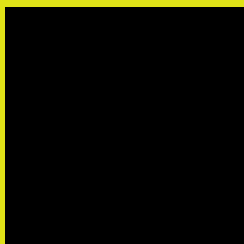
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0915, 70.3019, 11.3185

Background



This preview shows how black text looks on a background with the XYZ color 58.0915, 70.3019, 11.3185.



This preview shows how white text looks on a background with the XYZ color 58.0915, 70.3019,

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

58.0915, 70.3019, 11.3185

Protanopia

63.4638, 70.3064, 10.8874

Deuteranopia

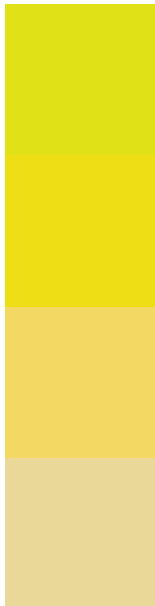
69.5683, 69.8621, 36.2037



Tritanopia

72.5083, 69.9900, 82.3609

Trichromacy



Original Color

58.0915, 70.3019, 11.3185

Protanomaly

61.5165, 70.4738, 11.0700

Deuteranomaly

64.1643, 69.2649, 22.0442

Tritanomaly

64.2373, 68.9041, 40.0511

Monochromacy



Original Color

58.0915, 70.3019, 11.3185

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.3880, 62.0963, 32.7861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0915, 70.3019, 11.3185 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, 23)` looks like.

```
.text, #text, p{  
    color:rgb(224, 226, 23)  
}
```

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, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 226, 23) }
```

Border

The CSS property to change the border of an element to XYZ 58.0915, 70.3019, 11.3185 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, 23) }
```


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

```
.border{ border-color:rgb(224, 226, 23) }
```

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, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 226, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 226, 23);  
box-shadow:4px 4px 4px 4px rgb(224, 226,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0915, 70.3019, 11.3185 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, 23) }
```

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

```
.background{ background-color: rgb(224,  
226, 23) }
```

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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