

Converting Colors

XYZ(58.5374, 70.9191, 11.2854)

Have a look what the booklet for
XYZ(58.5374, 70.9191, 11.2854)
contains.

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Color

**XYZ(58.6467, 70.9962,
11.2745)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E314
RGB	225, 227, 20
RGB Percent	88%, 89%, 8%
CMY	0.1176, 0.1098, 0.9215
CMYK	0.01, 0.00, 0.91, 0.11
HSL	61°, 84%, 48%
HSV	61°, 91%, 89%
XYZ	58.6467, 70.9962, 11.2745
YIQ	202.8040, 65.2550, -64.8010

Conversions

Conversions Part 2

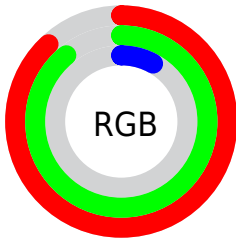
Format	Color
R _Y B	20, 227, 22
Decimal	14803732
CIE Lab	87.48, -20.38, 84.50
CIE LCh	87, 86.925, 103.559
Yxy	70.9962, 0.4162, 0.5038
Android (android.graphics.Color)	4292993812 (0xFFE1E314)
YUV	202.8040, -90.1224, 19.4659
Hunter-Lab	84.2592, -23.2129, 51.0480

Details

The XYZ color **58.6467, 70.9962, 11.2745** 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 **14.4480, 6.2183, 73.1162**, and the grayscale version is **57.1638, 60.1408, 65.4933**.

A 20% lighter version of the original color is **79.0656, 93.6062, 24.7271**, and **30.2696, 37.5044, 5.6437** is the 20% darker color. If you saturate the color by 10%, you get **58.4614, 70.9178, 10.6073**, and if you desaturate by 10%, it is **59.0215, 71.1567, 12.8826**.

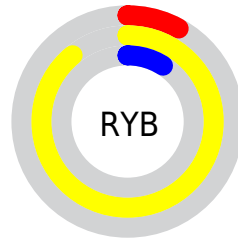
Distribution



Red (88%)

Green (89%)

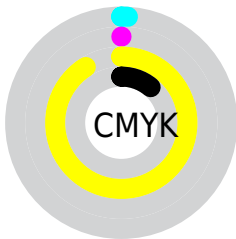
Blue (8%)



Red (8%)

Yellow (89%)

Blue (9%)

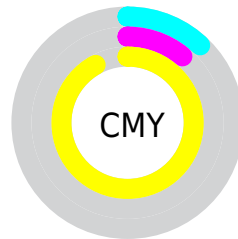


Cyan (1%)

Magenta (0%)

Yellow (91%)

Black (11%)



Cyan (12%)


Magenta (11%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6467, 70.9962, 11.2745 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 58.6467, 70.9962, 11.2745 by changing the saturation by 10% instead.


 58.6467, 70.9962,
11.2745

 58.6467, 70.9962,
11.2745


409.5065,
464.0402, 210.3458


 42.5741, 52.3391,
6.1353


 101.9816,
120.6283, 28.8110

 29.7441, 37.2754,
2.8574


 129.9745,
152.3721, 42.0454


 19.7916, 25.4208,
1.0223


 162.6716,
189.2469, 58.8153

 12.3510, 16.3909,
0.0000

 200.4382,
231.6372, 79.5392

 7.0571, 9.8012,
0.0000

 243.6396,
279.9272, 104.6357

 3.5445, 5.2673,
0.0000

 292.6412,

 1.4478, 2.4049,

334.5015, 134.5232

0.0000

347.8084,
395.7443, 169.6204

■ 0.2899, 0.8284,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6467, 70.9962,
11.2745

■ 58.6467, 70.9962,
11.2745

■ 58.4614, 70.9178,
10.6073

■ 59.0215, 71.1567,
12.8826

■ 59.6257, 71.4063,
15.7055

■ 60.4946, 71.7619,
19.9221

■ 61.6565, 72.2346,
25.6808

■ 63.1360, 72.8343,
33.1112

■ 64.9549, 73.5699,
42.3289

■ 67.1334, 74.4493,
53.4397

■ 69.6900, 75.4799,
66.5407

■ 72.6418, 76.6687,
81.7228

Harmonies

Analogous

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



79.2727, 70.9962, 11.6869



58.6467, 70.9962, 11.2745



43.7813, 70.9962, 20.9314

Triad

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



58.6467, 70.9962, 11.2745



42.7382, 70.9962, 184.2254



112.8308, 70.9962, 113.8927

Complementary

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



58.6467, 70.9962, 11.2745



14.4480, 6.2183, 73.1162

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.



98.4798, 70.9962, 191.4878



58.6467, 70.9962, 11.2745



56.9185, 70.9962, 244.1918

Square

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



58.6467, 70.9962, 11.2745



35.9350, 70.9962, 106.9327



77.1580, 70.9962, 247.3719



113.5558, 70.9962, 53.7242

Rectangle

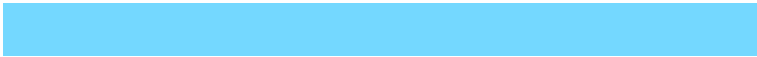
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.6467, 70.9962, 11.2745



37.9608, 70.9962, 37.1181



77.1580, 70.9962, 247.3719



109.3264, 70.9962, 139.3155

Sweetspot

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



58.6483, 70.9995, 11.2760



85.6337, 96.2052, 60.5941



32.0574, 16.8835, 2.2320



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.



58.6483, 70.9995, 11.2760



76.0963, 92.3141, 13.8077



35.8392, 59.2410, 10.2085



15.5871, 16.8097, 15.3275



34.0990, 41.3602, 6.1861



2.5243, 3.0587, 0.4573

Inverse Universe

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



14.4480, 6.2183, 73.1162



18.0809, 7.2360, 95.0514



22.3585, 10.2963, 73.4864



13.5957, 13.8938, 18.1095



8.1079, 3.2456, 42.5823



0.6037, 0.2422, 3.1469

Previews

White Background



This preview shows how the XYZ color 58.6467, 70.9962, 11.2745 looks on a white background.

Color Contrast Check

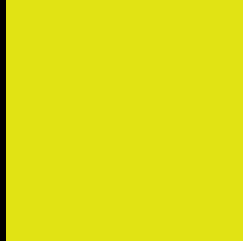
Large Text (above 18pt) WCAG AA × Fail

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 58.6467, 70.9962, 11.2745 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 58.6467, 70.9962, 11.2745

Background



This preview shows how black text looks on a background with the XYZ color 58.6467, 70.9962, 11.2745.



This preview shows how white text looks on a background with the XYZ color 58.6467, 70.9962,

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

58.6467, 70.9962, 11.2745

Protanopia

64.0445, 70.9980, 10.8187

Deuteranopia

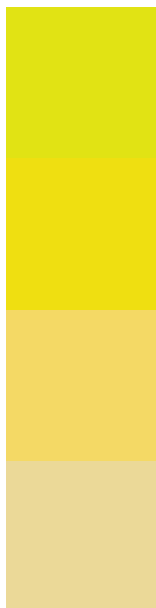
70.0499, 70.4536, 37.5106



Tritanopia

73.2330, 70.7152, 83.1884

Trichromacy



Original Color

58.6467, 70.9962, 11.2745

Protanomaly

62.0855, 71.1665, 10.9946

Deuteranomaly

64.4700, 69.7984, 22.3864

Tritanomaly

64.7413, 69.5549, 39.7190

Monochromacy



Original Color

58.6467, 70.9962, 11.2745

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

54.8514, 62.7134, 32.5065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6467, 70.9962, 11.2745 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(225, 227, 20)` looks like.

```
.text, #text, p{  
    color:rgb(225, 227, 20)  
}
```

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(225, 227, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 227, 20) }
```

Border

The CSS property to change the border of an element to XYZ 58.6467, 70.9962, 11.2745 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(225, 227, 20) }
```


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

```
.border{ border-color:rgb(225, 227, 20) }
```

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

Here you see how a box with a 4 pixel rgb(225, 227, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 227, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 227, 20);  
box-shadow:4px 4px 4px 4px rgb(225, 227,  
20) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6467, 70.9962, 11.2745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 227, 20) }
```

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

```
.background{ background-color: rgb(225,  
227, 20) }
```

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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