

Converting Colors

XYZ(58.7843, 70.7941, 11.4172)

Have a look what the booklet for
XYZ(58.7843, 70.7941, 11.4172)
contains.

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Color

**XYZ(58.7253, 70.6274,
11.4015)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E218
RGB	226, 226, 24
RGB Percent	89%, 89%, 9%
CMY	0.1137, 0.1137, 0.9058
CMYK	0.00, 0.00, 0.89, 0.11
HSL	60°, 81%, 49%
HSV	60°, 89%, 89%
XYZ	58.7253, 70.6274, 11.4015
YIQ	202.9720, 64.8420, -62.8220

Conversions

Conversions Part 2

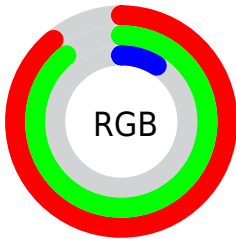
Format	Color
R _{YB}	24, 226, 24
Decimal	14869016
CIE Lab	87.30, -19.42, 83.84
CIE LCh	87, 86.061, 103.038
Yxy	70.6274, 0.4172, 0.5018
Android (android.graphics.Color)	4293059096 (0xFFE2E218)
YUV	202.9720, -88.2332, 20.1956
Hunter-Lab	84.0401, -22.3385, 50.7844

Details

The XYZ color **58.7253, 70.6274, 11.4015** 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 **14.4326, 6.3398, 72.4189**, and the grayscale version is **57.2582, 60.2401, 65.6015**.

A 20% lighter version of the original color is **79.1577, 93.6431, 25.2121**, and **30.2888, 37.2328, 5.5903** is the 20% darker color. If you saturate the color by 10%, you get **58.5694, 70.5677, 10.5747**, and if you desaturate by 10%, it is **59.0675, 70.7670, 13.1953**.

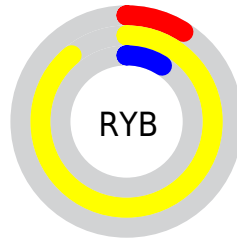
Distribution



Red (89%)

Green (89%)

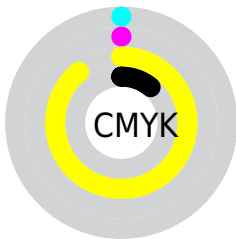
Blue (9%)



Red (9%)

Yellow (89%)

Blue (9%)

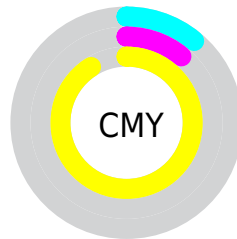


Cyan (0%)

Magenta (0%)

Yellow (89%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7253, 70.6274, 11.4015 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 58.7253, 70.6274, 11.4015 by changing the saturation by 10% instead.

■ 58.7253, 70.6274,
11.4015

■ 58.7253, 70.6274,
11.4015

409.7936,
462.7499, 211.2371

■ 42.6375, 52.0382,
6.2200

■ 102.0952,
120.1030, 29.0482

■ 29.7941, 37.0355,
2.9084

■ 130.1081,
151.7582, 42.3504

■ 19.8297, 25.2350,
1.0480

■ 162.8267,
188.5376, 59.1967

■ 12.3788, 16.2522,
0.0000

■ 200.6165,
230.8254, 80.0055

■ 7.0763, 9.7028,
0.0000

■ 243.8427,
279.0062, 105.1954

■ 3.5566, 5.2024,
0.0000

■ 292.8707,

■ 1.4545, 2.3665,

333.4642, 135.1850

0.0000

348.0659,
394.5840, 170.3927

■ 0.2945, 0.8086,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7253, 70.6274,
11.4015

■ 58.7253, 70.6274,
11.4015

■ 58.5694, 70.5677,
10.5747

■ 59.0675, 70.7670,
13.1953

■ 58.5616, 70.5646,
10.5338

■ 59.6433, 70.9973,
16.2261

■ 60.4864, 71.3346,
20.6648

■ 61.6240, 71.7897,
26.6540

■ 63.0798, 72.3720,
34.3190

■ 64.8753, 73.0902,
43.7726

■ 67.0299, 73.9521,
55.1174

■ 69.5617, 74.9648,
68.4484

■ 72.4875, 76.1352,
83.8543

Harmonies

Analogous

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



79.1366, 70.6274, 11.9638



58.7253, 70.6274, 11.4015



43.9146, 70.6274, 20.8124

Triad

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



58.7253, 70.6274, 11.4015



42.5099, 70.6274, 180.8270



111.6661, 70.6274, 114.2209

Complementary

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



58.7253, 70.6274, 11.4015



14.4326, 6.3398, 72.4189

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.



97.3521, 70.6274, 190.5379



58.7253, 70.6274, 11.4015



56.4023, 70.6274, 240.3958

Square

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



58.7253, 70.6274, 11.4015



35.9013, 70.6274, 104.8912



76.2989, 70.6274, 244.6433



112.6372, 70.6274, 54.3942

Rectangle

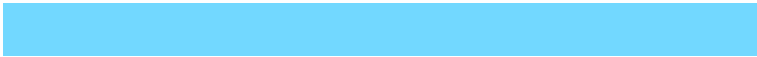
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.7253, 70.6274, 11.4015



38.0698, 70.6274, 36.6237



76.2989, 70.6274, 244.6433



108.1416, 70.6274, 139.3233

Sweetspot

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



58.7269, 70.6307, 11.4029



85.8780, 96.3311, 60.6055



31.8580, 16.8897, 2.4460



18.1890, 20.5419, 11.9590



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.



58.7269, 70.6307, 11.4029



76.9969, 92.7784, 13.8499



35.8222, 58.8229, 10.3310



14.8718, 16.0296, 14.6170



33.4074, 40.2547, 6.0092



2.3156, 2.7902, 0.4165

Inverse Universe

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



14.4326, 6.3398, 72.4189



18.0501, 7.2201, 95.0500



22.5144, 10.5061, 72.7971



12.9522, 13.2434, 17.2613



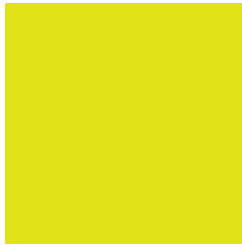
7.8316, 3.1326, 41.2403



0.5429, 0.2171, 2.8585

Previews

White Background



This preview shows how the XYZ color 58.7253, 70.6274, 11.4015 looks on a white background.

Color Contrast Check

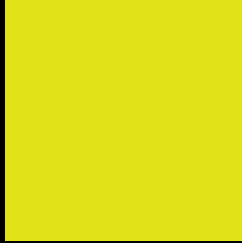
Large Text (above 18pt) WCAG AA × Fail

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 58.7253, 70.6274, 11.4015 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 58.7253, 70.6274, 11.4015

Background



This preview shows how black text looks on a background with the XYZ color 58.7253, 70.6274, 11.4015.



This preview shows how white text looks on a background with the XYZ color 58.7253, 70.6274,

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

58.7253, 70.6274, 11.4015

Protanopia

63.4729, 70.3100, 10.9353

Deuteranopia

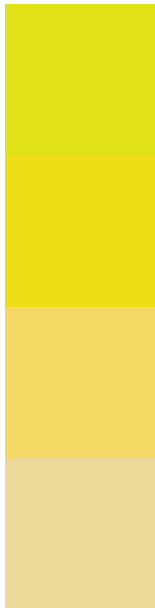
69.8943, 70.3913, 36.6911



Tritanopia

73.1873, 70.3400, 82.3926

Trichromacy



Original Color

58.7253, 70.6274, 11.4015

Protanomaly

61.8627, 70.6512, 11.1356

Deuteranomaly

64.4700, 69.7984, 22.3864

Tritanomaly

64.8977, 69.2445, 40.0820

Monochromacy



Original Color

58.7253, 70.6274, 11.4015

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

54.7457, 62.2724, 33.1791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7253, 70.6274, 11.4015 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(226, 226, 24)` looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 24)  
}
```

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(226, 226, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 24) }
```

Border

The CSS property to change the border of an element to XYZ 58.7253, 70.6274, 11.4015 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(226, 226, 24) }
```


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

```
.border{ border-color:rgb(226, 226, 24) }
```

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

Here you see how a box with a 4 pixel rgb(226, 226, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 226, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 226, 24);  
box-shadow:4px 4px 4px 4px rgb(226, 226,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7253, 70.6274, 11.4015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 226, 24) }
```

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

```
.background{ background-color: rgb(226,  
226, 24) }
```

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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