

Converting Colors

XYZ(62.9429, 72.4500, 11.7572)

Have a look what the booklet for
XYZ(62.9429, 72.4500, 11.7572)
contains.

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Color

**XYZ(63.0700, 72.4595,
11.7606)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E11C
RGB	240, 225, 28
RGB Percent	94%, 88%, 11%
CMY	0.0588, 0.1176, 0.8901
CMYK	0.00, 0.06, 0.88, 0.06
HSL	56°, 88%, 53%
HSV	56°, 88%, 94%
XYZ	63.0700, 72.4595, 11.7606
YIQ	207.0270, 72.1770, -58.0870

Conversions

Conversions Part 2

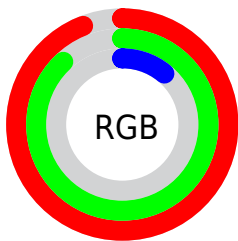
Format	Color
R_{YB}	44, 240, 28
Decimal	15786268
CIE Lab	88.19, -12.98, 84.39
CIE LCh	88, 85.382, 98.744
Yxy	72.4595, 0.4282, 0.4920
Android (android.graphics.Color)	4293976348 (0xFFFF0E11C)
YUV	207.0270, -88.2603, 28.9173
Hunter-Lab	85.1231, -16.7101, 51.3947

Details

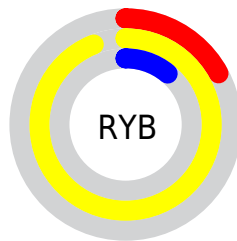
The XYZ color **63.0700, 72.4595, 11.7606** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **17.0715, 8.2666, 83.1333**, and the grayscale version is **59.8467, 62.9634, 68.5671**.

A 20% lighter version of the original color is **79.2521, 93.6809, 25.7096**, and **32.9651, 38.3332, 5.6616** is the 20% darker color. If you saturate the color by 10%, you get **62.4272, 71.4746, 10.6210**, and if you desaturate by 10%, it is **63.9432, 73.5495, 14.0769**.

Distribution



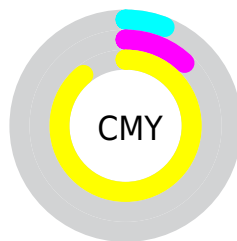
- Red (94%)
- Green (88%)
- Blue (11%)



- Red (17%)
- Yellow (94%)
- Blue (11%)



- Cyan (0%)
- Magenta (6%)
- Yellow (88%)
- Black (6%)



- Cyan (6%)
- Magenta (12%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0700, 72.4595, 11.7606 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 63.0700, 72.4595, 11.7606 by changing the saturation by 10% instead.

63.0700, 72.4595,
11.7606

63.0700, 72.4595,
11.7606

425.4791,
469.1394, 213.7353

46.1567, 53.5341,
6.4603

108.3517,
122.7096, 29.7162

32.5746, 38.2293,
3.0537

137.4509,
154.8031, 43.2086

21.9585, 26.1607,
1.1221

171.3427,
192.0548, 60.2687

13.9428, 16.9439,
0.0000

210.3925,
234.8490, 81.3152

8.1623, 10.1945,
0.0000

254.9657,
283.5702, 106.7666

4.2517, 5.5281,
0.0000

305.4277,

1.8455, 2.5603,

338.6027, 137.0413

0.0000

362.1437,
400.3310, 172.5581

■ 0.5448, 0.9068,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0700, 72.4595,
11.7606

■ 63.0700, 72.4595,
11.7606

■ 62.4272, 71.4746,
10.6210


■ 63.9432, 73.5495,
14.0769

■ 62.3293, 71.3139,
10.4798


■ 65.0939, 74.7550,
17.8385


■ 66.5602, 76.0941,
23.2399


■ 68.3732, 77.5792,
30.4443

 70.5602, 79.2213,
39.5953

 73.1457, 81.0303,
50.8222

 76.1522, 83.0150,
64.2430

 79.6004, 85.1839,
79.9668

 83.5097, 87.5447,
98.0957

Harmonies

Analogous

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



84.1155, 72.4595, 13.6364



63.0700, 72.4595, 11.7606



47.0959, 72.4595, 19.6609

Triad

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



63.0700, 72.4595, 11.7606



42.5517, 72.4595, 172.3221



112.3492, 72.4595, 127.1122

Complementary

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



63.0700, 72.4595, 11.7606



17.0715, 8.2666, 83.1333

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.



96.4955, 72.4595, 203.1860



63.0700, 72.4595, 11.7606



55.5887, 72.4595, 237.0416

Square

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



63.0700, 72.4595, 11.7606



36.8846, 72.4595, 97.2635



75.0163, 72.4595, 250.5015



115.4478, 72.4595, 63.0001

Rectangle

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



63.0700, 72.4595, 11.7606



40.4527, 72.4595, 33.7368



75.0163, 72.4595, 250.5015



108.2036, 72.4595, 152.8460

Sweetspot

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



63.0716, 72.4629, 11.7621



84.6751, 93.4857, 61.5552



36.8374, 19.5511, 4.3840



17.8837, 19.8472, 12.1154



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.



63.0716, 72.4629, 11.7621



71.5140, 81.8080, 12.0213



44.2573, 69.0475, 12.0944



17.0216, 18.2564, 16.7764



34.1617, 39.1215, 5.7507



2.8704, 3.3114, 0.4879

Inverse Universe

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



17.0715, 8.2666, 83.1333



18.2669, 7.6538, 95.1223



23.3916, 10.8589, 83.3006



14.9870, 15.4082, 19.9058



8.7536, 3.7314, 45.3867



0.7593, 0.3726, 3.7861

Previews

White Background



This preview shows how the XYZ color 63.0700, 72.4595, 11.7606 looks on a white background.

Color Contrast Check

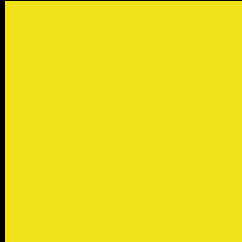
Large Text (above 18pt) WCAG AA × Fail

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 63.0700, 72.4595, 11.7606 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 63.0700, 72.4595, 11.7606

Background



This preview shows how black text looks on a background with the XYZ color 63.0700, 72.4595, 11.7606.



This preview shows how white text looks on a background with the XYZ color 63.0700, 72.4595,

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

63.0700, 72.4595, 11.7606

Protanopia

65.3860, 72.4614, 11.5772

Deuteranopia

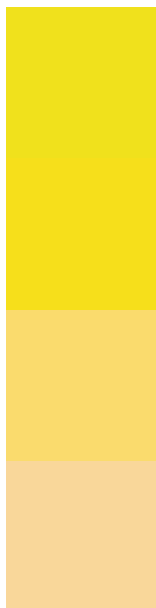
71.5412, 72.2612, 41.6297



Tritanopia

77.4010, 72.1627, 81.8008

Trichromacy



Original Color

63.0700, 72.4595, 11.7606

Protanomaly

64.5915, 72.4473, 11.6163

Deuteranomaly

67.5162, 72.0912, 24.8245

Tritanomaly

69.2001, 71.0737, 40.6432

Monochromacy



Original Color

63.0700, 72.4595, 11.7606

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.1425, 65.1062, 35.0935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0700, 72.4595, 11.7606 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(240, 225, 28)` looks like.

```
.text, #text, p{  
    color:rgb(240, 225, 28)  
}
```

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(240, 225, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 225, 28) }
```

Border

The CSS property to change the border of an element to XYZ 63.0700, 72.4595, 11.7606 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(240, 225, 28) }
```


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

```
.border{ border-color:rgb(240, 225, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 225, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 225, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 225, 28);  
box-shadow:4px 4px 4px 4px rgb(240, 225,  
28) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0700, 72.4595, 11.7606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 225, 28) }
```

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

```
.background{ background-color: rgb(240,  
225, 28) }
```

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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