

Converting Colors

XYZ(55.1126, 59.3658, 8.5540)

Have a look what the booklet for
XYZ(55.1126, 59.3658, 8.5540)
contains.

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Color

**XYZ(55.1476, 59.4355,
8.5656)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC900
RGB	235, 201, 0
RGB Percent	92%, 79%, 0%
CMY	0.0784, 0.2117, 0.9999
CMYK	0.00, 0.14, 1.00, 0.08
HSL	51°, 100%, 46%
HSV	51°, 100%, 92%
XYZ	55.1476, 59.4355, 8.5656
YIQ	188.2520, 84.7850, -55.3030

Conversions

Conversions Part 2

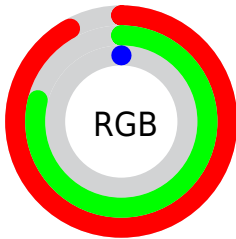
Format	Color
R_{YB}	40, 235, 0
Decimal	15452416
CIE Lab	81.53, -3.36, 82.46
CIE LCh	82, 82.528, 92.334
Yxy	59.4355, 0.4478, 0.4826
Android (android.graphics.Color)	4293642496 (0xFFEBC900)
YUV	188.2520, -92.8082, 40.9980
Hunter-Lab	77.0944, -7.2297, 47.3787

Details

The XYZ color **55.1476, 59.4355, 8.5656** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle washed yellow. A complement of this color would be **15.5681, 7.1432, 79.1548**, and the grayscale version is **48.4242, 50.9460, 55.4802**.

A 20% lighter version of the original color is **78.6397, 93.4359, 22.4845**, and **28.0455, 30.1785, 4.3469** is the 20% darker color. If you saturate the color by 10%, you get **55.1480, 59.4367, 8.5658**, and if you desaturate by 10%, it is **56.1101, 61.1050, 9.6755**.

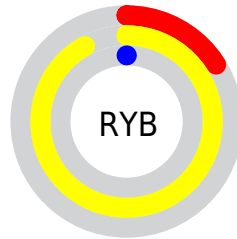
Distribution



Red (92%)

Green (79%)

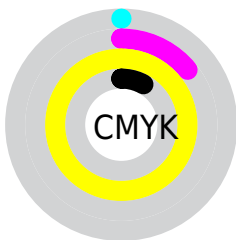
Blue (0%)



Red (16%)

Yellow (92%)

Blue (0%)

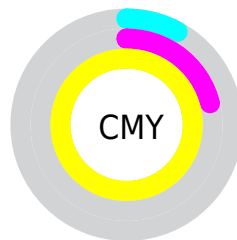


Cyan (0%)

Magenta (14%)

Yellow (100%)

Black (8%)



Cyan (8%)


Magenta (21%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1476, 59.4355, 8.5656 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 55.1476, 59.4355, 8.5656 by changing the saturation by 10% instead.


 55.1476, 59.4355,
8.5656


 55.1476, 59.4355,
8.5656


396.5985,
422.5139, 190.2006

 39.7542, 42.9638,
4.3660


 96.9042, 104.0104,
23.6242

 27.5303, 29.8567,
1.8282


 123.9982,
132.8823, 35.3204

 18.1106, 19.7299,
0.4465


 155.7231,
166.6564, 50.3524

 11.1296, 12.1988,
0.0000

 192.4442,
205.7172, 69.1389

 6.2220, 6.8792,
0.0000

 234.5270,
250.4489, 92.0985

 3.0225, 3.3867,
0.0000

 282.3367,

 1.1657, 1.3368,

301.2360, 119.6496

0.0000

336.2388,
358.4629, 152.2107

■ 0.0790, 0.1694,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1476, 59.4355,
8.5656

■ 55.1476, 59.4355,
8.5656

■ 55.1480, 59.4367,
8.5658

■ 56.1101, 61.1050,
9.6755

■ 57.2827, 62.8845,
11.8106

■ 58.7280, 64.8015,
15.2940

■ 60.4820, 66.8705,
20.3147

■ 62.5750, 69.1039,
27.0317

■ 65.0334, 71.5123,
35.5840

■ 67.8810, 74.1056,
46.0962

■ 71.1396, 76.8926,
58.6822

■ 74.8291, 79.8813,
73.4470

Harmonies

Analogous

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



73.3905, 59.4355, 11.6926



55.1476, 59.4355, 8.5656



40.5001, 59.4355, 12.9771

Triad

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



55.1476, 59.4355, 8.5656



32.7853, 59.4355, 130.2255



91.3781, 59.4355, 119.8044

Complementary

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



55.1476, 59.4355, 8.5656



15.5681, 7.1432, 79.1548

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.



76.2201, 59.4355, 183.2249



55.1476, 59.4355, 8.5656



42.4091, 59.4355, 191.1008

Square

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



55.1476, 59.4355, 8.5656



29.3433, 59.4355, 68.6734



57.8574, 59.4355, 214.2362



96.6810, 59.4355, 60.9120

Rectangle

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



55.1476, 59.4355, 8.5656



34.0361, 59.4355, 22.2071



57.8574, 59.4355, 214.2362



87.1324, 59.4355, 142.1453

Sweetspot

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



55.1489, 59.4384, 8.5668



81.6568, 89.1556, 55.2882



34.5683, 17.7855, 3.2222



17.1552, 18.7944, 10.6266



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.



55.1489, 59.4384, 8.5668



66.3401, 71.4602, 10.2967



42.7994, 66.1649, 10.5160



16.1554, 17.2339, 15.9937



30.7656, 33.2254, 4.7916



2.4666, 2.7105, 0.3932

Inverse Universe

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



15.5681, 7.1432, 79.1548



18.7081, 8.5363, 95.2694



18.4983, 7.8044, 79.1280



14.4070, 14.9004, 19.0390



8.7193, 4.0855, 44.0720



0.7394, 0.4303, 3.4790

Previews

White Background



This preview shows how the XYZ color 55.1476, 59.4355, 8.5656 looks on a white background.

Color Contrast Check

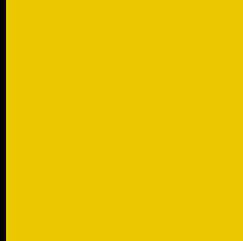
Large Text (above 18pt) WCAG AA × Fail

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 55.1476, 59.4355, 8.5656 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 55.1476, 59.4355, 8.5656

Background



This preview shows how black text looks on a background with the XYZ color 55.1476, 59.4355, 8.5656.

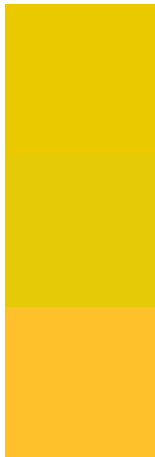


This preview shows how white text looks on a background with the XYZ color 55.1476, 59.4355,

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

55.1476, 59.4355, 8.5656

Protanopia

53.7074, 59.3852, 8.8328

Deuteranopia

60.7460, 59.5743, 10.5828



Tritanopia

66.3190, 59.3505, 63.2187

Trichromacy



Original Color

55.1476, 59.4355, 8.5656

Protanomaly

54.0974, 59.2387, 8.6978

Deuteranomaly

58.6492, 59.5154, 9.4334

Tritanomaly

59.3639, 58.1350, 28.5144

Monochromacy



Original Color

55.1476, 59.4355, 8.5656

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.6370, 52.4751, 25.3873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1476, 59.4355, 8.5656 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(235, 201, 0)` looks like.

```
.text, #text, p{  
    color:rgb(235, 201, 0)  
}
```

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(235, 201, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 201, 0) }
```

Border

The CSS property to change the border of an element to XYZ 55.1476, 59.4355, 8.5656 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(235, 201, 0) }
```


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

```
.border{ border-color:rgb(235, 201, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 201, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 201, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 201, 0);  
box-shadow:4px 4px 4px 4px rgb(235, 201,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1476, 59.4355, 8.5656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 201, 0) }
```

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

```
.background{ background-color: rgb(235,  
201, 0) }
```

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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