

Converting Colors

XYZ(56.3354, 60.5856, 15.9327)

Have a look what the booklet for
XYZ(56.3354, 60.5856, 15.9327)
contains.

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Color

**XYZ(56.3354, 60.5856,
15.9327)**

Conversions

Conversions Part 1

Format	Color
Hex	E9CB4E
RGB	233, 203, 78
RGB Percent	91%, 80%, 31%
CMY	0.0863, 0.2039, 0.6941
CMYK	0.00, 0.13, 0.67, 0.09
HSL	48°, 78%, 61%
HSV	48°, 67%, 91%
XYZ	56.3354, 60.5856, 15.9327
YIQ	197.7200, 58.0050, -32.5150

Conversions

Conversions Part 2

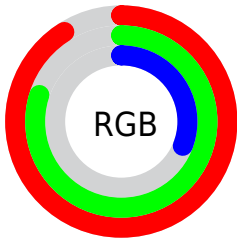
Format	Color
RYB	115, 233, 78
Decimal	15321934
CIELab	82.16, -3.08, 63.84
CIElCh	82, 63.916, 92.764
Yxy	60.5856, 0.4240, 0.4560
Android (android.graphics.Color)	4293512014 (0xFFE9CB4E)
YUV	197.7200, -59.0220, 30.9406
Hunter-Lab	77.8368, -7.0225, 42.3494

Details

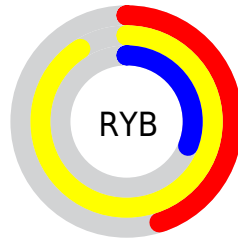
The XYZ color **56.3354, 60.5856, 15.9327** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **23.2123, 18.2275, 79.3853**, and the grayscale version is **53.8303, 56.6336, 61.6740**.

A 20% lighter version of the original color is **81.2336, 94.4735, 36.1440**, and **28.2892, 30.5281, 4.8534** is the 20% darker color. If you saturate the color by 10%, you get **54.5946, 58.2125, 11.9360**, and if you desaturate by 10%, it is **58.4058, 63.1447, 21.4999**.

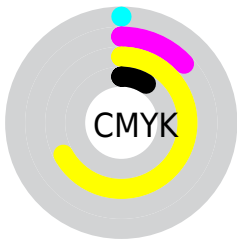
Distribution



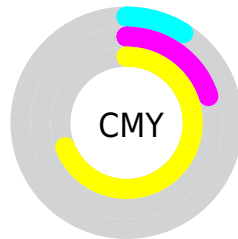
- Red (91%)
- Green (80%)
- Blue (31%)



- Red (45%)
- Yellow (91%)
- Blue (31%)



- Cyan (0%)
- Magenta (13%)
- Yellow (67%)
- Black (9%)



- Cyan (9%)
- Magenta (20%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3354, 60.5856, 15.9327 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 56.3354, 60.5856, 15.9327 by changing the saturation by 10% instead.

■ 56.3354, 60.5856,
15.9327

■ 56.3354, 60.5856,
15.9327

401.0088,
426.7529, 240.7764

■ 40.7100, 43.8908,
9.3227

■ 98.6318, 105.6787,
37.2465

■ 28.2792, 30.5847,
4.8526

■ 126.0334,
134.8458, 52.7874

■ 18.6777, 20.2828,
2.1038

■ 158.0911,
168.9391, 72.1423

■ 11.5403, 12.6008,
0.6180

■ 195.1703,
208.3430, 95.7298

■ 6.5014, 7.1542,
0.0000

■ 237.6363,
253.4420, 123.9684

■ 3.1958, 3.5587,
0.0000

285.8545,

■ 1.2582, 1.4299,

304.6204, 157.2767

0.0000

340.1902,
362.2625, 196.0732

■ 0.1516, 0.2386,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3354, 60.5856,
15.9327

■ 56.3354, 60.5856,
15.9327

■ 54.5946, 58.2125,
11.9360

■ 58.4058, 63.1447,
21.4999

■ 53.1461, 56.0032,
9.3330

■ 60.8299, 65.8930,
28.7821

■ 51.9495, 53.9433,
7.9068

■ 63.6343, 68.8437,
37.9113

■ 51.5685, 53.2523,
7.5608

■ 66.8416, 72.0063,
49.0056

■ 70.4726, 75.3896,
62.1733

■ 74.5465, 79.0017,
77.5147

■ 79.0815, 82.8500,
95.1237

■ 82.5430, 86.3213,
106.9189

■ 83.8801, 88.9956,
107.3647

Harmonies

Analogous

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



70.3737, 60.5856, 19.3292



56.3354, 60.5856, 15.9327



44.5841, 60.5856, 20.9632

Triad

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



56.3354, 60.5856, 15.9327



38.3084, 60.5856, 115.2483



84.0461, 60.5856, 106.4276

Complementary

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



56.3354, 60.5856, 15.9327



23.2123, 18.2275, 79.3853

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.



72.8949, 60.5856, 150.8948



56.3354, 60.5856, 15.9327



46.4475, 60.5856, 157.2391

Square

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



56.3354, 60.5856, 15.9327



35.2525, 60.5856, 69.6378



58.8525, 60.5856, 172.3294



87.7842, 60.5856, 62.4283

Rectangle

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



56.3354, 60.5856, 15.9327



39.2055, 60.5856, 30.2886



58.8525, 60.5856, 172.3294



80.9624, 60.5856, 122.3182

Sweetspot

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



56.3368, 60.5885, 15.9339



84.8311, 91.0037, 70.2211



39.0892, 23.8771, 17.0173



17.8880, 19.2275, 14.0533



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.



56.3368, 60.5885, 15.9339



66.2716, 70.3672, 13.2213



50.8856, 69.3296, 17.9084



16.0899, 17.1027, 15.9719



29.3490, 30.3922, 4.3194



2.3680, 2.5133, 0.3603

Inverse Universe

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



23.2123, 18.2275, 79.3853



23.1117, 15.3167, 96.3460



25.8176, 15.6551, 78.7514



14.4671, 15.0207, 19.0590



8.9477, 4.5424, 44.1481



0.7678, 0.4871, 3.4884

Previews

White Background



This preview shows how the XYZ color 56.3354, 60.5856, 15.9327 looks on a white background.

Color Contrast Check

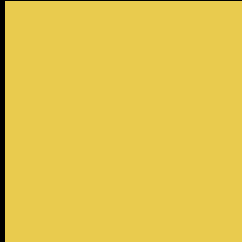
Large Text (above 18pt) WCAG AA × Fail

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 56.3354, 60.5856, 15.9327 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 56.3354, 60.5856, 15.9327

Background



This preview shows how black text looks on a background with the XYZ color 56.3354, 60.5856, 15.9327.

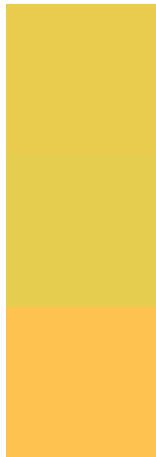


This preview shows how white text looks on a background with the XYZ color 56.3354, 60.5856,

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

56.3354, 60.5856, 15.9327

Protanopia

55.2375, 60.7211, 16.2062

Deuteranopia

61.6500, 60.2485, 16.1644



Tritanopia

66.3950, 60.2894, 65.8952

Trichromacy



Original Color

56.3354, 60.5856, 15.9327

Protanomaly

55.6373, 60.5732, 16.1565

Deuteranomaly

59.4203, 60.1045, 16.0590

Tritanomaly

61.3697, 59.8841, 41.1251

Monochromacy



Original Color

56.3354, 60.5856, 15.9327

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.3510, 57.4905, 38.8567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3354, 60.5856, 15.9327 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(233, 203, 78)` looks like.

```
.text, #text, p{  
    color:rgb(233, 203, 78)  
}
```

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(233, 203, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 203, 78) }
```

Border

The CSS property to change the border of an element to XYZ 56.3354, 60.5856, 15.9327 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(233, 203, 78) }
```


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

```
.border{ border-color:rgb(233, 203, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 203, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 203, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 203, 78);  
box-shadow:4px 4px 4px 4px rgb(233, 203,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3354, 60.5856, 15.9327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 203, 78) }
```

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

```
.background{ background-color: rgb(233,  
203, 78) }
```

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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