

Converting Colors

XYZ(56.6150, 56.5801, 9.8636)

Have a look what the booklet for
XYZ(56.6150, 56.5801, 9.8636)
contains.

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Color

**XYZ(56.4359, 56.3859,
9.8285)**

Conversions

Conversions Part 1

Format	Color
Hex	F5BE27
RGB	245, 190, 39
RGB Percent	96%, 75%, 15%
CMY	0.0392, 0.2549, 0.8470
CMYK	0.00, 0.22, 0.84, 0.04
HSL	44°, 91%, 56%
HSV	44°, 84%, 96%
XYZ	56.4359, 56.3859, 9.8285
YIQ	189.2310, 81.2510, -35.3010

Conversions

Conversions Part 2

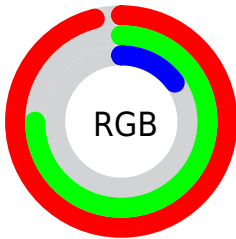
Format	Color
R_{YB}	114, 245, 39
Decimal	16104999
CIE _{Lab}	79.83, 7.18, 75.51
CIE _{LCh}	80, 75.853, 84.570
Y _{xy}	56.3859, 0.4601, 0.4597
Android (android.graphics.Color)	4294295079 (0xFFFF5BE27)
YUV	189.2310, -74.0639, 48.9094
Hunter-Lab	75.0905, 2.7470, 44.8030

Details

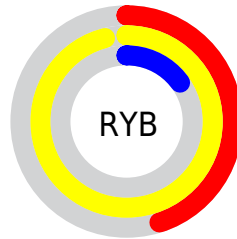
The XYZ color **56.4359, 56.3859, 9.8285** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **21.3209, 15.0293, 88.1629**, and the grayscale version is **48.8822, 51.4279, 56.0050**.

A 20% lighter version of the original color is **76.4960, 88.0916, 25.0282**, and **28.7128, 28.0817, 3.9070** is the 20% darker color. If you saturate the color by 10%, you get **54.7685, 53.5050, 7.8746**, and if you desaturate by 10%, it is **58.4310, 59.5041, 13.1830**.

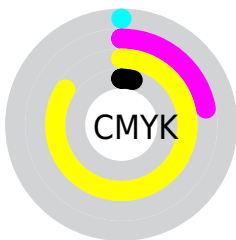
Distribution



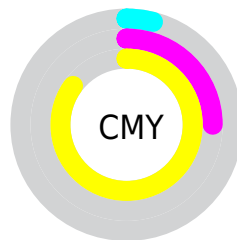
- Red (96%)
- Green (75%)
- Blue (15%)



- Red (45%)
- Yellow (96%)
- Blue (15%)



- Cyan (0%)
- Magenta (22%)
- Yellow (84%)
- Black (4%)





- Cyan (4%)
- Magenta (25%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4359, 56.3859, 9.8285 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 56.4359, 56.3859, 9.8285 by changing the saturation by 10% instead.


 56.4359, 56.3859,
9.8285


 56.4359, 56.3859,
9.8285


401.3806,
411.1442, 199.8838


 40.7909, 40.5124,
5.1813


 98.7777, 99.5686,
26.0752

 28.3427, 27.9383,
2.2934


 126.2053,
127.6466, 38.5117

 18.7259, 18.2791,
0.7275


 158.2910,
160.5615, 54.3818

 11.5752, 11.1506,
0.0000

 195.4004,
198.6978, 74.1039

 6.5253, 6.1682,
0.0000

 237.8987,
242.4398, 98.0966

 3.2107, 2.9476,
0.0000

 286.1512,

 1.2661, 1.1045,

292.1719, 126.7785

0.0000

340.5234,
348.2786, 160.5680

■ 0.1577, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4359, 56.3859,
9.8285

■ 56.4359, 56.3859,
9.8285

■ 54.7685, 53.5050,
7.8746

■ 58.4310, 59.5041,
13.1830

■ 53.8952, 51.8909,
7.1754

■ 60.7944, 62.8704,
18.1650

■ 63.5638, 66.5035,
24.9638

■ 66.7710, 70.4171,
33.7420

70.4439, 74.6238,
44.6439

74.6082, 79.1350,
57.8003

79.2873, 83.9613,
73.3313

84.5031, 89.1127,
91.3487

89.5421, 94.3047,
108.0910

Harmonies

Analogous

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



72.5952, 56.3859, 15.0562



56.4359, 56.3859, 9.8285



42.2304, 56.3859, 12.1337

Triad

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



56.4359, 56.3859, 9.8285



30.9768, 56.3859, 103.6908



81.4291, 56.3859, 124.6144

Complementary

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



56.4359, 56.3859, 9.8285



21.3209, 15.0293, 88.1629

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.



66.8305, 56.3859, 174.8679



56.4359, 56.3859, 9.8285



38.2350, 56.3859, 159.2775

Square

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



56.4359, 56.3859, 9.8285



29.2471, 56.3859, 53.7356



50.8474, 56.3859, 189.9001



88.6851, 56.3859, 69.7490

Rectangle

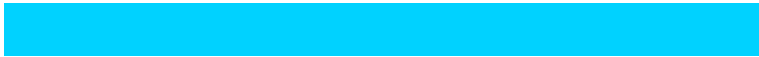
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.4359, 56.3859, 9.8285



35.4291, 56.3859, 18.7106



50.8474, 56.3859, 189.9001



77.0972, 56.3859, 143.4789

Sweetspot

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



56.4372, 56.3887, 9.8296



81.2405, 86.1706, 61.7853



40.5567, 21.7338, 13.4577



17.0357, 18.0659, 12.0955



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.



56.4372, 56.3887, 9.8296



58.9942, 56.7685, 7.8481



56.9362, 77.7810, 13.9324



17.5186, 18.5213, 17.4492



29.1545, 28.1945, 3.9055



2.6466, 2.6464, 0.3713

Inverse Universe

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



21.3209, 15.0293, 88.1629



20.1217, 11.3634, 95.7406



20.8309, 9.9122, 87.2010



15.9410, 16.6463, 20.9154



10.0065, 5.8068, 47.1314



0.9606, 0.6727, 4.1694

Previews

White Background



This preview shows how the XYZ color 56.4359, 56.3859, 9.8285 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 56.4359, 56.3859, 9.8285 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 56.4359, 56.3859, 9.8285

Background



This preview shows how black text looks on a background with the XYZ color 56.4359, 56.3859, 9.8285.



This preview shows how white text looks on a background with the XYZ color 56.4359, 56.3859,

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

56.4359, 56.3859, 9.8285

Protanopia

51.2551, 56.6949, 10.3396

Deuteranopia

57.7906, 56.4436, 9.8563



Tritanopia

65.8895, 56.2328, 56.0965

Trichromacy



Original Color

56.4359, 56.3859, 9.8285

Protanomaly

53.0779, 56.6220, 10.1391

Deuteranomaly

57.2920, 56.5049, 9.8944

Tritanomaly

60.8848, 55.7144, 30.4666

Monochromacy



Original Color

56.4359, 56.3859, 9.8285

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.7952, 51.6717, 29.9561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4359, 56.3859, 9.8285 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(245, 190, 39)` looks like.

```
.text, #text, p{  
    color:rgb(245, 190, 39)  
}
```

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(245, 190, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 190, 39) }
```

Border

The CSS property to change the border of an element to XYZ 56.4359, 56.3859, 9.8285 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(245, 190, 39) }
```


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

```
.border{ border-color:rgb(245, 190, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 190, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 190, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 190, 39);  
box-shadow:4px 4px 4px 4px rgb(245, 190,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4359, 56.3859, 9.8285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 190, 39) }
```

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

```
.background{ background-color: rgb(245,  
190, 39) }
```

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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