

Converting Colors

XYZ(52.6055, 56.0733, 8.7601)

Have a look what the booklet for
XYZ(52.6055, 56.0733, 8.7601)
contains.

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Color

**XYZ(52.6055, 56.0733,
8.7601)**

Conversions

Conversions Part 1

Format	Color
Hex	E7C315
RGB	231, 195, 21
RGB Percent	91%, 76%, 8%
CMY	0.0941, 0.2353, 0.9176
CMYK	0.00, 0.16, 0.91, 0.09
HSL	50°, 83%, 49%
HSV	50°, 91%, 91%
XYZ	52.6055, 56.0733, 8.7601
YIQ	185.9280, 77.3100, -46.4820

Conversions

Conversions Part 2

Format	Color
R _{YB}	64, 231, 21
Decimal	15188757
CIE _{Lab}	79.66, -1.79, 78.58
CIE _{LCh}	80, 78.603, 91.304
Yxy	56.0733, 0.4479, 0.4775
Android (android.graphics.Color)	4293378837 (0xFFE7C315)
YUV	185.9280, -81.3095, 39.5281
Hunter-Lab	74.8821, -5.6455, 45.4814

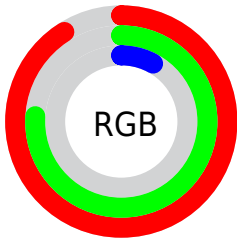
Details

The XYZ color **52.6055, 56.0733, 8.7601** is a light color, and the websafe version is hex **FFCC33**.

The color can be described as light washed yellow. A complement of this color would be **16.1967, 8.8560, 76.4565**, and the grayscale version is **47.0448, 49.4948, 53.8998**.

A 20% lighter version of the original color is **77.6255, 91.0097, 23.3729**, and **26.2506, 27.8920, 4.0002** is the 20% darker color. If you saturate the color by 10%, you get **51.6739, 54.4270, 7.7820**, and if you desaturate by 10%, it is **53.8271, 58.0026, 10.7527**.

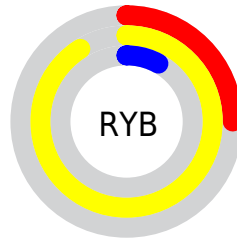
Distribution



Red (91%)

Green (76%)

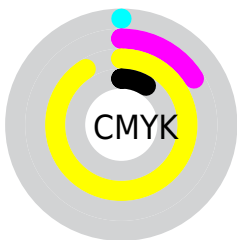
Blue (8%)



Red (25%)

Yellow (91%)

Blue (8%)

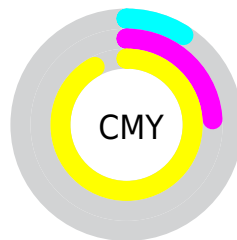


Cyan (0%)

Magenta (16%)

Yellow (91%)

Black (9%)



Cyan (9%)


Magenta (24%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6055, 56.0733, 8.7601 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 52.6055, 56.0733, 8.7601 by changing the saturation by 10% instead.


 52.6055, 56.0733,
8.7601


 52.6055, 56.0733,
8.7601


387.0554,
409.9677, 191.7297


 37.7141, 40.2617,
4.4904


 93.1926, 99.1117,
24.0059

 25.9371, 27.7426,
1.8980


 119.6190,
127.1074, 35.8191


 16.9090, 18.1318,
0.4915


 150.6211,
159.9331, 50.9838

 10.2646, 11.0446,
0.0000

 186.5644,
197.9734, 69.9186

 5.6383, 6.0969,
0.0000

 227.8141,
241.6126, 93.0421

 2.6650, 2.9041,
0.0000

 274.7356,

 0.9792, 1.0819,

291.2351, 120.7727

0.0000

327.6943,
347.2253, 153.5291

■ 0.0000, 0.0000,
0.0000

■ 52.6055, 56.0733,
8.7601

■ 52.6055, 56.0733,
8.7601

■ 51.6739, 54.4270,
7.7820

■ 53.8271, 58.0026,
10.7527

■ 55.3126, 60.0732,
14.0238

■ 57.0985, 62.3022,
18.7590

■ 59.2143, 64.7016,
25.1128

■ 61.6858, 67.2820,
33.2198

■ 64.5359, 70.0529,
43.2007

■ 67.7858, 73.0231,
55.1655

■ 71.4549, 76.2004,
69.2155

■ 75.5612, 79.5925,
85.4454

Harmonies

Analogous

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



69.3129, 56.0733, 12.0319



52.6055, 56.0733, 8.7601



38.9756, 56.0733, 12.7171

Triad

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



52.6055, 56.0733, 8.7601



31.2638, 56.0733, 118.5703



84.7541, 56.0733, 113.2957

Complementary

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



52.6055, 56.0733, 8.7601



16.1967, 8.8560, 76.4565

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.



70.7539, 56.0733, 170.1400



52.6055, 56.0733, 8.7601



39.9587, 56.0733, 174.1034

Square

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



52.6055, 56.0733, 8.7601



28.2615, 56.0733, 63.0620



53.9925, 56.0733, 196.5176



89.9466, 56.0733, 59.0896

Rectangle

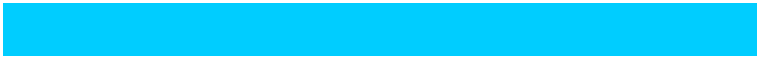
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.6055, 56.0733, 8.7601



32.8703, 56.0733, 21.1243



53.9925, 56.0733, 196.5176



80.8011, 56.0733, 133.5091

Sweetspot

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



52.6068, 56.0760, 8.7612



82.2290, 89.0317, 59.3889



34.0259, 17.8467, 5.8589



17.3127, 18.7889, 11.6668



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.



52.6068, 56.0760, 8.7612



64.6067, 67.9934, 9.7189



44.1252, 65.1518, 10.9600



15.3804, 16.3746, 15.2544



29.0499, 30.6739, 4.3896



2.2024, 2.3781, 0.3429

Inverse Universe

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



16.1967, 8.8560, 76.4565



18.9399, 8.9997, 95.3466



18.6703, 8.3571, 76.2298



13.7815, 14.2844, 18.1751



8.5657, 4.1935, 42.7411



0.6924, 0.4288, 3.1782

Previews

White Background



This preview shows how the XYZ color 52.6055, 56.0733, 8.7601 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 52.6055, 56.0733, 8.7601 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 52.6055, 56.0733, 8.7601

Background



This preview shows how black text looks on a background with the XYZ color 52.6055, 56.0733, 8.7601.



This preview shows how white text looks on a background with the XYZ color 52.6055, 56.0733,

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

52.6055, 56.0733, 8.7601

Protanopia

50.7703, 56.1341, 8.9181

Deuteranopia

57.0590, 55.7691, 8.9196



Tritanopia

62.9921, 55.8651, 59.0928

Trichromacy



Original Color

52.6055, 56.0733, 8.7601

Protanomaly

51.4751, 56.1592, 8.8858

Deuteranomaly

55.2179, 55.7787, 8.8334

Tritanomaly

56.9837, 54.9609, 29.4349

Monochromacy



Original Color

52.6055, 56.0733, 8.7601

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.3206, 50.4581, 27.0367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6055, 56.0733, 8.7601 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(231, 195, 21)` looks like.

```
.text, #text, p{  
    color:rgb(231, 195, 21)  
}
```

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(231, 195, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 195, 21) }
```

Border

The CSS property to change the border of an element to XYZ 52.6055, 56.0733, 8.7601 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(231, 195, 21) }
```


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

```
.border{ border-color:rgb(231, 195, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 195, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 195, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 195, 21);  
box-shadow:4px 4px 4px 4px rgb(231, 195,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6055, 56.0733, 8.7601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 195, 21) }
```

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

```
.background{ background-color: rgb(231,  
195, 21) }
```

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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