

Converting Colors

XYZ(52.6096, 55.4230, 8.3293)

Have a look what the booklet for
XYZ(52.6096, 55.4230, 8.3293)
contains.

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Color

**XYZ(52.7535, 55.4953,
8.3467)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E9C10E |
| RGB | 233, 193, 14 |
| RGB Percent | 91%, 76%, 5% |
| CMY | 0.0863, 0.2431, 0.9450 |
| CMYK | 0.00, 0.17, 0.94, 0.09 |
| HSL | 49°, 89%, 48% |
| HSV | 49°, 94%, 91% |
| XYZ | 52.7535, 55.4953, 8.3467 |
| YIQ | 184.5540, 81.2990, -47.1890 |

Conversions

Conversions Part 2

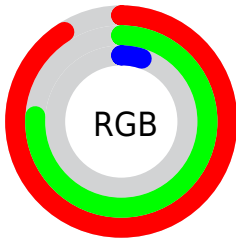
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 63, 233, 14 |
| Decimal | 15319310 |
| CIELab | 79.33, 0.02, 79.39 |
| CIELCh | 79, 79.395, 89.987 |
| Yxy | 55.4953, 0.4524, 0.4760 |
| Android (android.graphics.Color) | 4293509390 (0xFFE9C10E) |
| YUV | 184.5540, -84.0831, 42.4871 |
| Hunter-Lab | 74.4952, -3.9624, 45.5036 |

Details

The XYZ color **52.7535, 55.4953, 8.3467** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed yellow. A complement of this color would be **16.2088, 8.6159, 77.8989**, and the grayscale version is **46.2891, 48.6997, 53.0340**.

A 20% lighter version of the original color is **76.8771, 89.7159, 22.4976**, and **26.3913, 27.5268, 3.9222** is the 20% darker color. If you saturate the color by 10%, you get **52.1143, 54.3441, 7.7427**, and if you desaturate by 10%, it is **53.9686, 57.5105, 10.0327**.

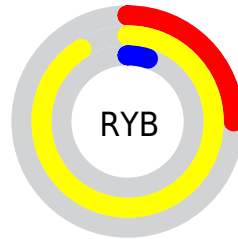
Distribution



Red (91%)

Green (76%)

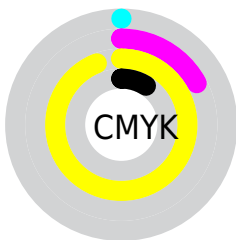
Blue (5%)



Red (25%)

Yellow (91%)

Blue (5%)

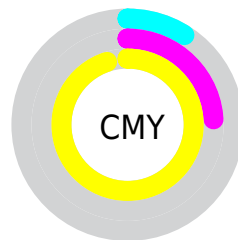


Cyan (0%)

Magenta (17%)

Yellow (94%)

Black (9%)



Cyan (9%)


Magenta (24%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7535, 55.4953, 8.3467 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 52.7535, 55.4953, 8.3467 by changing the saturation by 10% instead.


 52.7535, 55.4953,
8.3467

 52.7535, 55.4953,
8.3467


387.6150,
407.7867, 188.4616

 37.8327, 39.7984,
4.2266


 93.4092, 98.2663,
23.1927


 26.0295, 27.3814,
1.7505


 119.8749,
126.1091, 34.7556


 16.9785, 17.8599,
0.3950


 150.9195,
158.7695, 49.6367

 10.3144, 10.8494,
0.0000

 186.9085,
196.6316, 68.2543

 5.6718, 5.9657,
0.0000

 228.2072,
240.0801, 91.0271

 2.6853, 2.8242,
0.0000

 275.1809,

 0.9896, 1.0407,

289.4991, 118.3735

0.0000

328.1951,
345.2732, 150.7122

■ 0.0000, 0.0000,
0.0000

■ 52.7535, 55.4953,
8.3467

■ 52.7535, 55.4953,
8.3467

■ 52.1143, 54.3441,
7.7427

■ 53.9686, 57.5105,
10.0327

■ 55.4434, 59.6710,
12.9565

■ 57.2175, 61.9953,
17.3211

■ 59.3226, 64.4964,
23.2922

■ 61.7862, 67.1855,
31.0130

■ 64.6326, 70.0728,
40.6107

■ 67.8839, 73.1674,
52.2008

■ 71.5604, 76.4778,
65.8892

■ 75.6811, 80.0120,
81.7745

Harmonies

Analogous

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



69.5665, 55.4953, 11.8939



52.7535, 55.4953, 8.3467



38.8928, 55.4953, 11.8872

Triad

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



52.7535, 55.4953, 8.3467



30.4484, 55.4953, 115.6095



83.9001, 55.4953, 115.6622

Complementary

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



52.7535, 55.4953, 8.3467



16.2088, 8.6159, 77.8989

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.



69.5522, 55.4953, 172.4314



52.7535, 55.4953, 8.3467



38.8831, 55.4953, 172.3917

Square

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



52.7535, 55.4953, 8.3467



27.6980, 55.4953, 60.4052



52.7397, 55.4953, 197.1061



89.6116, 55.4953, 60.4447

Rectangle

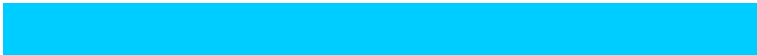
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.7535, 55.4953, 8.3467



32.6230, 55.4953, 19.7989



52.7397, 55.4953, 197.1061



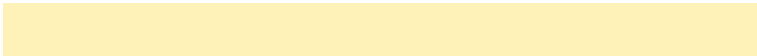
79.8017, 55.4953, 136.0256

Sweetspot

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



52.7547, 55.4980, 8.3478



81.5901, 88.1845, 57.8489



34.4310, 17.9059, 5.1517



17.0996, 18.5258, 11.0929



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.



52.7547, 55.4980, 8.3478



63.9007, 66.5814, 9.4836



44.4567, 66.1649, 10.8441



16.1044, 17.1319, 15.9767



29.6553, 31.0048, 4.4215



2.3894, 2.5562, 0.3675

Inverse Universe

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



16.2088, 8.6159, 77.8989



19.0494, 9.2189, 95.3831



18.4644, 8.0532, 77.6714



14.4537, 14.9938, 19.0546



8.8913, 4.4296, 44.1293



0.7615, 0.4744, 3.4863

Previews

White Background



This preview shows how the XYZ color 52.7535, 55.4953, 8.3467 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 52.7535, 55.4953, 8.3467 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 52.7535, 55.4953, 8.3467

Background



This preview shows how black text looks on a background with the XYZ color 52.7535, 55.4953, 8.3467.



This preview shows how white text looks on a background with the XYZ color 52.7535, 55.4953,

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

52.7535, 55.4953, 8.3467

Protanopia

50.1840, 55.4995, 8.5577

Deuteranopia

56.4250, 55.1361, 8.4790



Tritanopia

62.7079, 55.1451, 57.7911

Trichromacy



Original Color

52.7535, 55.4953, 8.3467

Protanomaly

51.1902, 55.6831, 8.5018

Deuteranomaly

55.2860, 55.5004, 8.4606

Tritanomaly

56.6334, 54.1902, 27.8969

Monochromacy



Original Color

52.7535, 55.4953, 8.3467

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.9155, 49.9531, 25.9608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7535, 55.4953, 8.3467 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, 193, 14)` looks like.

```
.text, #text, p{  
    color:rgb(233, 193, 14)  
}
```

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, 193, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 193, 14) }
```

Border

The CSS property to change the border of an element to XYZ 52.7535, 55.4953, 8.3467 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, 193, 14) }
```


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

```
.border{ border-color:rgb(233, 193, 14) }
```

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

Here you see how a box with a 4 pixel rgb(233, 193, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 193, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 193, 14);  
box-shadow:4px 4px 4px 4px rgb(233, 193,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7535, 55.4953, 8.3467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 193, 14) }
```

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

```
.background{ background-color: rgb(233,  
193, 14) }
```

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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