

Converting Colors

XYZ(52.9909, 55.2755, 8.9749)

Have a look what the booklet for
XYZ(52.9909, 55.2755, 8.9749)
contains.

XYZ(52.9909, 55.2755, 8.9749)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.9909, 55.2755,
8.9749)**

Conversions

Conversions Part 1

Format	Color
Hex	EAC01C
RGB	234, 192, 28
RGB Percent	92%, 75%, 11%
CMY	0.0824, 0.2470, 0.8902
CMYK	0.00, 0.18, 0.88, 0.08
HSL	48°, 83%, 51%
HSV	48°, 88%, 92%
XYZ	52.9909, 55.2755, 8.9749
YIQ	185.8620, 77.6760, -42.1000

Conversions

Conversions Part 2

Format	Color
R_{YB}	81, 234, 28
Decimal	15384604
CIE _{Lab}	79.20, 1.18, 77.10
CIE _{LCh}	79, 77.106, 89.126
Yxy	55.2755, 0.4520, 0.4715
Android (android.graphics.Color)	4293574684 (0xFFEAC01C)
YUV	185.8620, -77.8260, 42.2170
Hunter-Lab	74.3475, -2.8829, 44.8860

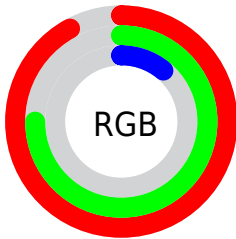
Details

The XYZ color **52.9909, 55.2755, 8.9749** is a light color, and the websafe version is hex **FFCC33**.

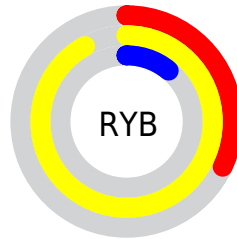
The color can be described as light washed yellow. A complement of this color would be **17.5206, 10.5681, 78.9577**, and the grayscale version is **46.9883, 49.4353, 53.8351**.

A 20% lighter version of the original color is **76.7832, 89.1851, 23.5235**, and **26.4662, 27.3495, 3.8841** is the 20% darker color. If you saturate the color by 10%, you get **51.7771, 53.1432, 7.6611**, and if you desaturate by 10%, it is **54.4536, 57.5660, 11.4209**.

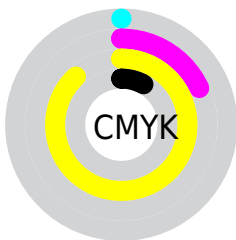
Distribution



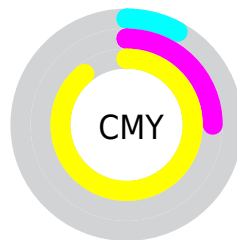
- Red (92%)
- Green (75%)
- Blue (11%)



- Red (32%)
- Yellow (92%)
- Blue (11%)



- Cyan (0%)
- Magenta (18%)
- Yellow (88%)
- Black (8%)





- Cyan (8%)
- Magenta (25%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9909, 55.2755, 8.9749 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 52.9909, 55.2755, 8.9749 by changing the saturation by 10% instead.


 52.9909, 55.2755,
8.9749


 52.9909, 55.2755,
8.9749


388.5116,
406.9554, 193.4017


 38.0230, 39.6223,
4.6282


 93.7566, 97.9445,
24.4256

 26.1778, 27.2442,
1.9759


 120.2850,
125.7291, 36.3667

 17.0901, 17.7567,
0.5404


 151.3977,
158.3263, 51.6763

 10.3944, 10.7755,
0.0000

 187.4599,
196.1206, 70.7731

 5.7255, 5.9161,
0.0000

 228.8371,
239.4962, 94.0754

 2.7180, 2.7941,
0.0000

 275.8945,

 1.0064, 1.0252,

288.8376, 122.0020

0.0000

328.9976,
344.5292, 154.9712

■ 0.0000, 0.0000,
0.0000

■ 52.9909, 55.2755,
8.9749

■ 52.9909, 55.2755,
8.9749

■ 51.7771, 53.1432,
7.6611

■ 54.4536, 57.5660,
11.4209

■ 51.5528, 52.7351,
7.4618

■ 56.2093, 60.0264,
15.2462

■ 58.2937, 62.6736,
20.6320

■ 60.7361, 65.5198,
27.7311

■ 63.5624, 68.5758,
36.6781

■ 66.7958, 71.8514,
47.5941

■ 70.4577, 75.3556,
60.5899

■ 74.5678, 79.0969,
75.7679

■ 79.1445, 83.0829,
93.2239

Harmonies

Analogous

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



69.2482, 55.2755, 12.7933



52.9909, 55.2755, 8.9749



39.4007, 55.2755, 12.3379

Triad

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



52.9909, 55.2755, 8.9749



30.6805, 55.2755, 111.6286



82.2775, 55.2755, 115.0468

Complementary

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



52.9909, 55.2755, 8.9749



17.5206, 10.5681, 78.9577

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.



68.3115, 55.2755, 168.8450



52.9909, 55.2755, 8.9749



38.7582, 55.2755, 166.2837

Square

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



52.9909, 55.2755, 8.9749



28.1400, 55.2755, 58.9007



52.0871, 55.2755, 191.0684



88.0631, 55.2755, 61.4891

Rectangle

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



52.9909, 55.2755, 8.9749



33.1745, 55.2755, 19.9945



52.0871, 55.2755, 191.0684



78.2648, 55.2755, 134.5035

Sweetspot

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



52.9921, 55.2782, 8.9760



81.9916, 88.1187, 60.6607



35.5376, 18.7995, 7.9967



17.2371, 18.5539, 11.8999



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.



52.9921, 55.2782, 8.9760



62.5997, 63.9794, 9.0499



47.4545, 68.1167, 11.7459



16.0760, 17.0751, 15.9672



29.0625, 29.8191, 4.2239



2.3479, 2.4731, 0.3536

Inverse Universe

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



17.5206, 10.5681, 78.9577



19.2773, 9.6746, 95.4591



19.1389, 8.7676, 78.5249



14.4799, 15.0463, 19.0633



9.0044, 4.6557, 44.1670



0.7741, 0.4996, 3.4905

Previews

White Background



This preview shows how the XYZ color 52.9909, 55.2755, 8.9749 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 52.9909, 55.2755, 8.9749 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 52.9909, 55.2755, 8.9749

Background



This preview shows how black text looks on a background with the XYZ color 52.9909, 55.2755, 8.9749.



This preview shows how white text looks on a background with the XYZ color 52.9909, 55.2755,

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

52.9909, 55.2755, 8.9749

Protanopia

50.0068, 55.3934, 9.2187

Deuteranopia

56.5448, 55.1841, 9.1102



Tritanopia

62.9428, 55.2791, 57.2217

Trichromacy



Original Color

52.9909, 55.2755, 8.9749

Protanomaly

51.1009, 55.2877, 9.1407

Deuteranomaly

55.1927, 55.1201, 9.0266

Tritanomaly

57.2405, 54.4722, 29.3271

Monochromacy



Original Color

52.9909, 55.2755, 8.9749

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.5743, 50.2479, 28.0130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9909, 55.2755, 8.9749 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(234, 192, 28)` looks like.

```
.text, #text, p{  
    color:rgb(234, 192, 28)  
}
```

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(234, 192, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 192, 28) }
```

Border

The CSS property to change the border of an element to XYZ 52.9909, 55.2755, 8.9749 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(234, 192, 28) }
```


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

```
.border{ border-color:rgb(234, 192, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 192, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 192, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 192, 28);  
box-shadow:4px 4px 4px 4px rgb(234, 192,  
28) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9909, 55.2755, 8.9749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 192, 28) }
```

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

```
.background{ background-color: rgb(234,  
192, 28) }
```

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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