

Converting Colors

XYZ(53.0467, 58.4077, 10.6129)

Have a look what the booklet for
XYZ(53.0467, 58.4077, 10.6129)
contains.

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Color

**XYZ(52.9654, 58.2643,
10.5524)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C929
RGB	227, 201, 41
RGB Percent	89%, 79%, 16%
CMY	0.1098, 0.2117, 0.8392
CMYK	0.00, 0.11, 0.82, 0.11
HSL	52°, 77%, 53%
HSV	52°, 82%, 89%
XYZ	52.9654, 58.2643, 10.5524
YIQ	190.5340, 66.8560, -44.2480

Conversions

Conversions Part 2

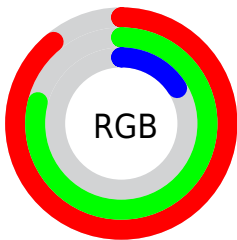
Format	Color
R_{YB}	71, 227, 41
Decimal	14928169
CIE _{Lab}	80.89, -6.16, 75.18
CIE _{LCh}	81, 75.428, 94.681
Yxy	58.2643, 0.4349, 0.4784
Android (android.graphics.Color)	4293118249 (0xFFE3C929)
YUV	190.5340, -73.7203, 31.9807
Hunter-Lab	76.3311, -9.7199, 45.2352

Details

The XYZ color **52.9654, 58.2643, 10.5524** 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 **16.7869, 10.0320, 73.7239**, and the grayscale version is **49.6391, 52.2242, 56.8722**.

A 20% lighter version of the original color is **79.3983, 93.7393, 26.4791**, and **26.3701, 29.0829, 4.2237** is the 20% darker color. If you saturate the color by 10%, you get **51.9461, 56.6877, 8.7895**, and if you desaturate by 10%, it is **54.2307, 59.9683, 13.5238**.

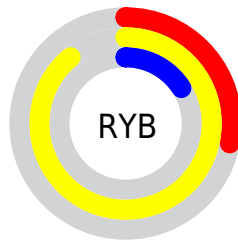
Distribution



Red (89%)

Green (79%)

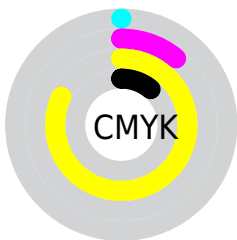
Blue (16%)



Red (28%)

Yellow (89%)

Blue (16%)

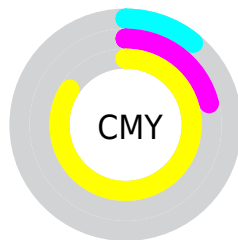


Cyan (0%)

Magenta (11%)

Yellow (82%)

Black (11%)



Cyan (11%)


Magenta (21%)


Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9654, 58.2643, 10.5524 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 52.9654, 58.2643, 10.5524 by changing the saturation by 10% instead.


 52.9654, 58.2643,
10.5524


 52.9654, 58.2643,
10.5524


388.4154,
418.1701, 205.1964


 38.0025, 42.0212,
5.6564


 93.7193, 102.3076,
27.4533


 26.1619, 29.1179,
2.5719


 120.2410,
130.8766, 40.2953


 17.0781, 19.1700,
0.8779


 151.3464,
164.3230, 56.6230

 10.3858, 11.7932,
0.0000

 187.4007,
203.0313, 76.8550

 5.7197, 6.6030,
0.0000

 228.7695,
247.3857, 101.4098

 2.7145, 3.2151,
0.0000

 275.8179,

 1.0046, 1.2450,

297.7707, 130.7059

0.0000

328.9114,
354.5707, 165.1620

■ 0.0000, 0.0980,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.9654, 58.2643,
10.5524

■ 52.9654, 58.2643,
10.5524

■ 51.9461, 56.6877,
8.7895

■ 54.2307, 59.9683,
13.5238

■ 51.2551, 55.4844,
8.0081

■ 55.7724, 61.8051,
17.8805

■ 57.6204, 63.7892,
23.7740

■ 59.7996, 65.9307,
31.3349

■ 62.3322, 68.2385,
40.6799

■ 65.2386, 70.7210,
51.9154

■ 68.5373, 73.3857,
65.1392

■ 72.2458, 76.2397,
80.4425

■ 76.3804, 79.2898,
97.9108

Harmonies

Analogous

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



69.2279, 58.2643, 13.1506



52.9654, 58.2643, 10.5524



39.9987, 58.2643, 15.7633

Triad

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



52.9654, 58.2643, 10.5524



34.1862, 58.2643, 125.9802



87.1730, 58.2643, 107.7456

Complementary

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



52.9654, 58.2643, 10.5524



16.7869, 10.0320, 73.7239

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.



74.2679, 58.2643, 163.5990



52.9654, 58.2643, 10.5524



43.5115, 58.2643, 177.1461

Square

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



52.9654, 58.2643, 10.5524



30.5320, 58.2643, 70.7153



57.8637, 58.2643, 193.4213



90.9925, 58.2643, 56.6815

Rectangle

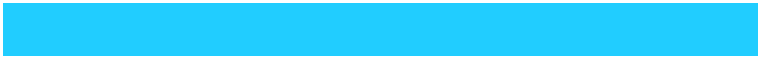
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.9654, 58.2643, 10.5524



34.3252, 58.2643, 25.5980



57.8637, 58.2643, 193.4213



83.6485, 58.2643, 127.2215

Sweetspot

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



52.9667, 58.2671, 10.5536



83.6549, 90.9994, 62.5901



33.5427, 18.3457, 7.3882



17.6193, 19.2330, 12.2900



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.



52.9667, 58.2671, 10.5536



66.8810, 72.4974, 10.6148



42.7496, 62.7689, 11.9610



15.4209, 16.4557, 15.2679



29.9572, 32.4885, 4.6920



2.2612, 2.4957, 0.3625

Inverse Universe

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



16.7869, 10.0320, 73.7239



18.8734, 8.7721, 95.3062



20.6145, 10.2030, 73.5552



13.7445, 14.2104, 18.1628



8.4327, 3.9274, 42.6968



0.6749, 0.3937, 3.1724

Previews

White Background



This preview shows how the XYZ color 52.9654, 58.2643, 10.5524 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 52.9654, 58.2643, 10.5524 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 52.9654, 58.2643, 10.5524

Background



This preview shows how black text looks on a background with the XYZ color 52.9654, 58.2643, 10.5524.



This preview shows how white text looks on a background with the XYZ color 52.9654, 58.2643,

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

52.9654, 58.2643, 10.5524

Protanopia

52.6509, 58.1021, 10.5377

Deuteranopia

59.6519, 58.3495, 10.8079



Tritanopia

63.6909, 57.9821, 63.7119

Trichromacy



Original Color

52.9654, 58.2643, 10.5524

Protanomaly

52.6509, 58.1021, 10.5377

Deuteranomaly

57.2970, 58.4528, 10.7453

Tritanomaly

57.7392, 57.1749, 33.9793

Monochromacy



Original Color

52.9654, 58.2643, 10.5524

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.8609, 53.6452, 31.0719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9654, 58.2643, 10.5524 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(227, 201, 41)` looks like.

```
.text, #text, p{  
    color:rgb(227, 201, 41)  
}
```

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(227, 201, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 201, 41) }
```

Border

The CSS property to change the border of an element to XYZ 52.9654, 58.2643, 10.5524 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(227, 201, 41) }
```


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

```
.border{ border-color:rgb(227, 201, 41) }
```

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

Here you see how a box with a 4 pixel rgb(227, 201, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 201, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 201, 41);  
box-shadow:4px 4px 4px 4px rgb(227, 201,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9654, 58.2643, 10.5524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 201, 41) }
```

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

```
.background{ background-color: rgb(227,  
201, 41) }
```

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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