

Converting Colors

XYZ(52.4057, 53.9894, 7.9870)

Have a look what the booklet for
XYZ(52.4057, 53.9894, 7.9870)
contains.

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Color

**XYZ(52.5190, 54.0815,
7.9873)**

Conversions

Conversions Part 1

Format	Color
Hex	EBBD0B
RGB	235, 189, 11
RGB Percent	92%, 74%, 4%
CMY	0.0784, 0.2588, 0.9568
CMYK	0.00, 0.20, 0.95, 0.08
HSL	48°, 91%, 48%
HSV	48°, 95%, 92%
XYZ	52.5190, 54.0815, 7.9873
YIQ	182.4620, 84.5540, -45.6060

Conversions

Conversions Part 2

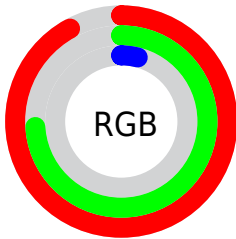
Format	Color
R _Y B	69, 235, 11
Decimal	15449355
CIE Lab	78.51, 2.93, 79.22
CIE LCh	79, 79.278, 87.884
Yxy	54.0815, 0.4583, 0.4720
Android (android.graphics.Color)	4293639435 (0xFFE8BBD0B)
YUV	182.4620, -84.5308, 46.0758
Hunter-Lab	73.5401, -1.2187, 45.0385

Details

The XYZ color **52.5190, 54.0815, 7.9873** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **16.5973, 8.9968, 79.4586**, and the grayscale version is **45.1329, 47.4834, 51.7094**.

A 20% lighter version of the original color is **75.5721, 87.2367, 21.6594**, and **26.2597, 26.6070, 3.7516** is the 20% darker color. If you saturate the color by 10%, you get **51.9767, 53.0940, 7.5087**, and if you desaturate by 10%, it is **53.8114, 56.2893, 9.5817**.

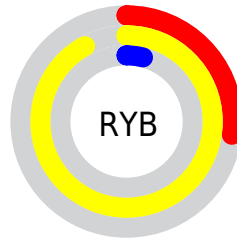
Distribution



Red (92%)

Green (74%)

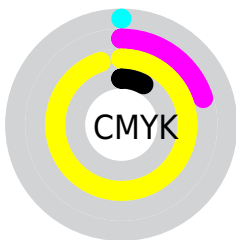
Blue (4%)



Red (27%)

Yellow (92%)

Blue (4%)

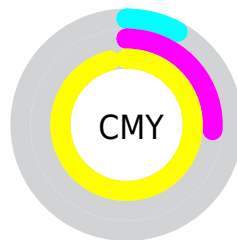


Cyan (0%)

Magenta (20%)

Yellow (95%)

Black (8%)



Cyan (8%)


Magenta (26%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5190, 54.0815, 7.9873 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 52.5190, 54.0815, 7.9873 by changing the saturation by 10% instead.


 52.5190, 54.0815,
7.9873

 52.5190, 54.0815,
7.9873


386.7281,
402.4207, 185.5633

 37.6449, 38.6668,
3.9992


 93.0659, 96.1939,
22.4793


 25.8831, 26.5006,
1.6249


 119.4694,
123.6604, 33.8203

 16.8685, 17.1985,
0.3085


 150.4467,
155.9130, 48.4492

 10.2355, 10.3761,
0.0000

 186.3632,
193.3360, 66.7847

 5.6188, 5.6491,
0.0000

 227.5842,
236.3139, 89.2454

 2.6532, 2.6329,
0.0000

 274.4752,

 0.9731, 0.9432,

285.2311, 116.2496

0.0000

327.4013,
340.4719, 148.2161

■ 0.0000, 0.0000,
0.0000

■ 52.5190, 54.0815,
7.9873

■ 52.5190, 54.0815,
7.9873

■ 51.9767, 53.0940,
7.5087

■ 53.8114, 56.2893,
9.5817

■ 55.3696, 58.6571,
12.4091

■ 57.2357, 61.2043,
16.6839

■ 59.4427, 63.9447,
22.5792

■ 62.0193, 66.8903,
30.2438

■ 64.9907, 70.0516,
39.8096

■ 68.3800, 73.4383,
51.3959

■ 72.2082, 77.0594,
65.1122

■ 76.4948, 80.9231,
81.0600

Harmonies

Analogous

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



69.0653, 54.0815, 11.9667



52.5190, 54.0815, 7.9873



38.6061, 54.0815, 10.9028

Triad

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



52.5190, 54.0815, 7.9873



29.1778, 54.0815, 108.9219



81.2410, 54.0815, 117.4170

Complementary

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



52.5190, 54.0815, 7.9873



16.5973, 8.9968, 79.4586

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.



66.7545, 54.0815, 172.2085



52.5190, 54.0815, 7.9873



37.0418, 54.0815, 165.7993

Square

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



52.5190, 54.0815, 7.9873



26.8670, 54.0815, 55.7685



50.3026, 54.0815, 193.3025



87.6037, 54.0815, 62.1166

Rectangle

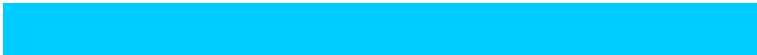
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.5190, 54.0815, 7.9873



32.2003, 54.0815, 18.0070



50.3026, 54.0815, 193.3025



77.0327, 54.0815, 137.3782

Sweetspot

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



52.5202, 54.0842, 7.9884



80.6912, 86.8094, 56.2460



35.1844, 18.2233, 5.8756



16.9017, 18.2094, 10.7823



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.



52.5202, 54.0842, 7.9884



62.5103, 63.8007, 9.0201



46.6808, 68.1590, 11.0129



16.0740, 17.0711, 15.9666



29.0217, 29.7377, 4.2103



2.3450, 2.4674, 0.3527

Inverse Universe

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



16.5973, 8.9968, 79.4586



19.2942, 9.7085, 95.4647



17.9763, 7.7129, 79.1381



14.4818, 15.0499, 19.0639



9.0127, 4.6725, 44.1698



0.7750, 0.5014, 3.4908

Previews

White Background



This preview shows how the XYZ color 52.5190, 54.0815, 7.9873 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 52.5190, 54.0815, 7.9873 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 52.5190, 54.0815, 7.9873

Background



This preview shows how black text looks on a background with the XYZ color 52.5190, 54.0815, 7.9873.



This preview shows how white text looks on a background with the XYZ color 52.5190, 54.0815,

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

52.5190, 54.0815, 7.9873

Protanopia

48.8147, 54.1248, 8.3263

Deuteranopia

55.2641, 53.9208, 8.1111



Tritanopia

62.3668, 54.1373, 55.3066

Trichromacy



Original Color

52.5190, 54.0815, 7.9873

Protanomaly

50.2006, 54.1792, 8.2272

Deuteranomaly

54.2704, 54.0325, 8.0592

Tritanomaly

56.4376, 53.2038, 26.3636

Monochromacy



Original Color

52.5190, 54.0815, 7.9873

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.8265, 48.4715, 24.7626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5190, 54.0815, 7.9873 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(235, 189, 11)` looks like.

```
.text, #text, p{  
    color:rgb(235, 189, 11)  
}
```

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(235, 189, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 189, 11) }
```

Border

The CSS property to change the border of an element to XYZ 52.5190, 54.0815, 7.9873 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(235, 189, 11) }
```


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

```
.border{ border-color:rgb(235, 189, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 189, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 189, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 189, 11);  
box-shadow:4px 4px 4px 4px rgb(235, 189,  
11) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5190, 54.0815, 7.9873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 189, 11) }
```

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

```
.background{ background-color: rgb(235,  
189, 11) }
```

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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