

Converting Colors

XYZ(53.5680, 54.4516, 8.2022)

Have a look what the booklet for
XYZ(53.5680, 54.4516, 8.2022)
contains.

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Color

**XYZ(53.3443, 54.1841,
8.1773)**

Conversions

Conversions Part 1

Format	Color
Hex	EEBC11
RGB	238, 188, 17
RGB Percent	93%, 74%, 7%
CMY	0.0667, 0.2627, 0.9333
CMYK	0.00, 0.21, 0.93, 0.07
HSL	46°, 87%, 50%
HSV	46°, 93%, 93%
XYZ	53.3443, 54.1841, 8.1773
YIQ	183.4560, 84.6910, -42.5810

Conversions

Conversions Part 2

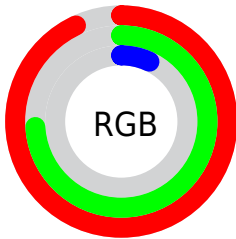
Format	Color
R _Y B	82, 238, 17
Decimal	15645713
CIE Lab	78.57, 4.81, 78.67
CIE LCh	79, 78.815, 86.503
Yxy	54.1841, 0.4610, 0.4683
Android (android.graphics.Color)	4293835793 (0xFFEEBC11)
YUV	183.4560, -82.0628, 47.8351
Hunter-Lab	73.6098, 0.5399, 44.9404

Details

The XYZ color **53.3443, 54.1841, 8.1773** 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 **17.6714, 10.3073, 81.9464**, and the grayscale version is **45.6672, 48.0455, 52.3215**.

A 20% lighter version of the original color is **75.3521, 86.6659, 21.9892**, and **26.7954, 26.6751, 3.7365** is the 20% darker color. If you saturate the color by 10%, you get **52.4329, 52.5235, 7.3745**, and if you desaturate by 10%, it is **54.8131, 56.6487, 10.1261**.

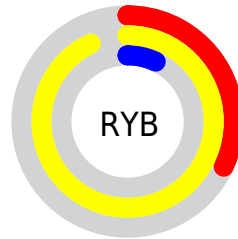
Distribution



Red (93%)

Green (74%)

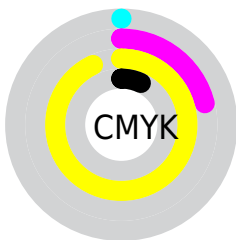
Blue (7%)



Red (32%)

Yellow (93%)

Blue (7%)

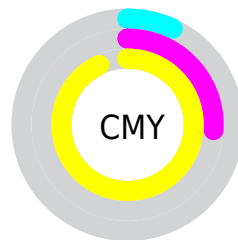


Cyan (0%)

Magenta (21%)

Yellow (93%)

Black (7%)



Cyan (7%)

Magenta (26%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3443, 54.1841, 8.1773 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 53.3443, 54.1841, 8.1773 by changing the saturation by 10% instead.

53.3443, 54.1841,
8.1773

53.3443, 54.1841,
8.1773

389.8439,
402.8117, 187.1023

38.3063, 38.7489,
4.1192

94.2734, 96.3445,
22.8572

26.3988, 26.5644,
1.6910

120.8951,
123.8385, 34.3160

17.2564, 17.2464,
0.3545

152.1088,
156.1208, 49.0789

10.5139, 10.4103,
0.0000

188.2798,
193.5759, 67.5644

5.8059, 5.6718,
0.0000

229.7734,
236.5881, 90.1909

2.7669, 2.6466,
0.0000

276.9551,

1.0317, 0.9501,

285.5419, 117.3770

0.0000

330.1902,
340.8216, 149.5413

■ 0.0000, 0.0000,
0.0000

■ 53.3443, 54.1841,
8.1773

■ 53.3443, 54.1841,
8.1773

■ 52.4329, 52.5235,
7.3745

■ 54.8131, 56.6487,
10.1261

■ 56.5742, 59.2975,
13.4063

■ 58.6689, 62.1498,
18.2265

■ 61.1301, 65.2195,
24.7583

■ 63.9864, 68.5188,
33.1504

■ 67.2634, 72.0586,
43.5355

■ 70.9844, 75.8488,
56.0340

■ 75.1709, 79.8987,
70.7565

■ 79.8427, 84.2169,
87.8063

Harmonies

Analogous

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



69.8093, 54.1841, 12.5471



53.3443, 54.1841, 8.1773



39.2869, 54.1841, 10.7779

Triad

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



53.3443, 54.1841, 8.1773



29.1255, 54.1841, 106.0022



80.6445, 54.1841, 119.9315

Complementary

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



53.3443, 54.1841, 8.1773



17.6714, 10.3073, 81.9464

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.



66.0142, 54.1841, 173.4575



53.3443, 54.1841, 8.1773



36.7101, 54.1841, 162.9653

Square

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



53.3443, 54.1841, 8.1773



27.0672, 54.1841, 53.9306



49.6994, 54.1841, 192.2205



87.4427, 54.1841, 64.3718

Rectangle

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



53.3443, 54.1841, 8.1773



32.7275, 54.1841, 17.5288



49.6994, 54.1841, 192.2205



76.3521, 54.1841, 139.6531

Sweetspot

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



53.3455, 54.1868, 8.1784



80.6717, 86.3477, 57.5428



36.5213, 19.0027, 7.3046



16.8755, 18.0777, 11.0182



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.



53.3455, 54.1868, 8.1784



61.2773, 61.3346, 8.6091



49.2821, 70.7811, 11.5955



16.8020, 17.8171, 16.7032



29.3542, 29.5064, 4.1482



2.5153, 2.6013, 0.3695

Inverse Universe

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



17.6714, 10.3073, 81.9464



19.5473, 10.2147, 95.5491



18.6091, 8.1085, 81.4725



15.1873, 15.8087, 19.9725



9.4214, 5.0671, 45.6094



0.8563, 0.5665, 3.8184

Previews

White Background



This preview shows how the XYZ color 53.3443, 54.1841, 8.1773 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 53.3443, 54.1841, 8.1773 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 53.3443, 54.1841, 8.1773

Background



This preview shows how black text looks on a background with the XYZ color 53.3443, 54.1841, 8.1773.



This preview shows how white text looks on a background with the XYZ color 53.3443, 54.1841,

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

53.3443, 54.1841, 8.1773

Protanopia

49.1566, 54.2964, 8.5512

Deuteranopia

55.4998, 54.3487, 8.3242



Tritanopia

63.1185, 54.2472, 54.7210

Trichromacy



Original Color

53.3443, 54.1841, 8.1773

Protanomaly

50.6457, 54.0772, 8.3847

Deuteranomaly

54.6473, 54.2230, 8.2477

Tritanomaly

57.3954, 53.3820, 27.0173

Monochromacy



Original Color

53.3443, 54.1841, 8.1773

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.5527, 48.8245, 25.7621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3443, 54.1841, 8.1773 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(238, 188, 17)` looks like.

```
.text, #text, p{  
    color:rgb(238, 188, 17)  
}
```

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(238, 188, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 188, 17) }
```

Border

The CSS property to change the border of an element to XYZ 53.3443, 54.1841, 8.1773 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(238, 188, 17) }
```


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

```
.border{ border-color:rgb(238, 188, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 188, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 188, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 188, 17);  
box-shadow:4px 4px 4px 4px rgb(238, 188,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3443, 54.1841, 8.1773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 188, 17) }
```

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

```
.background{ background-color: rgb(238,  
188, 17) }
```

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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