

Converting Colors

XYZ(54.0067, 68.1919, 11.4399)

Have a look what the booklet for
XYZ(54.0067, 68.1919, 11.4399)
contains.

XYZ(53.9843, 68.1782, 11.4130)	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(53.9843, 68.1782,
11.4130)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E21C
RGB	210, 226, 28
RGB Percent	82%, 89%, 11%
CMY	0.1765, 0.1137, 0.8901
CMYK	0.07, 0.00, 0.88, 0.11
HSL	65°, 78%, 50%
HSV	65°, 88%, 89%
XYZ	53.9843, 68.1782, 11.4130
YIQ	198.6440, 54.0220, -64.9700

Conversions

Conversions Part 2

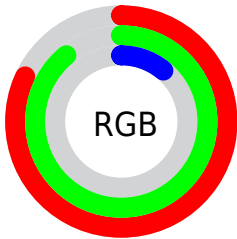
Format	Color
R _Y B	28, 226, 44
Decimal	13820444
CIE Lab	86.10, -25.99, 81.73
CIE LCh	86, 85.760, 107.642
Yxy	68.1782, 0.4041, 0.5104
Android (android.graphics.Color)	4292010524 (0xFFD2E21C)
YUV	198.6440, -84.1275, 9.9592
Hunter-Lab	82.5701, -27.7944, 49.6039

Details

The XYZ color **53.9843, 68.1782, 11.4130** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **15.1834, 6.8584, 72.4793**, and the grayscale version is **54.5455, 57.3862, 62.4935**.

A 20% lighter version of the original color is **79.2046, 93.6618, 25.4593**, and **27.3254, 35.7051, 5.4516** is the 20% darker color. If you saturate the color by 10%, you get **53.2885, 67.8426, 10.4418**, and if you desaturate by 10%, it is **54.8884, 68.6028, 13.4363**.

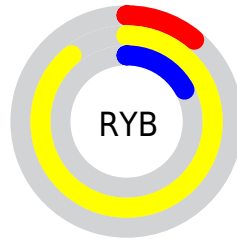
Distribution



Red (82%)

Green (89%)

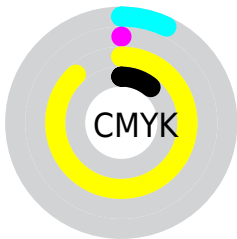
Blue (11%)



Red (11%)

Yellow (89%)

Blue (17%)

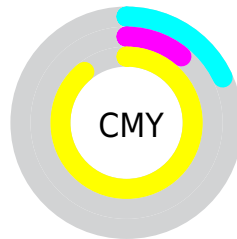


Cyan (7%)

Magenta (0%)

Yellow (88%)

Black (11%)



Cyan (18%)


Magenta (11%)


Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9843, 68.1782, 11.4130 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 53.9843, 68.1782, 11.4130 by changing the saturation by 10% instead.


 53.9843, 68.1782,
11.4130


 53.9843, 68.1782,
11.4130


392.2495,
454.1271, 211.3176

 38.8197, 50.0427,
6.2277


 95.2082, 116.6070,
29.0696


 26.7996, 35.4473,
2.9130


 121.9983,
147.6692, 42.3780


 17.5586, 24.0077,
1.0504


 153.3942,
183.8090, 59.2312

 10.7313, 15.3393,
0.0000

 189.7614,
225.4109, 80.0477

 5.9524, 9.0579,
0.0000

 231.4651,
272.8593, 105.2460

 2.8566, 4.7789,
0.0000

 278.8708,

 1.0784, 2.1182,

326.5385, 135.2448

0.0000

332.3438,
386.8330, 170.4624

0.0069, 0.6748,
0.0000

0.0000, 0.0000,
0.0000

53.9843, 68.1782,
11.4130

53.9843, 68.1782,
11.4130

53.2885, 67.8426,
10.4418

54.8884, 68.6028,
13.4363

53.1358, 67.7674,
10.2799

56.0382, 69.1239,
16.7294

57.4665, 69.7570,
21.4574

59.1996, 70.5128,
27.7595

■ 61.2609, 71.4005,
35.7586

■ 63.6715, 72.4286,
45.5651

■ 66.4505, 73.6049,
57.2805

■ 69.6159, 74.9363,
70.9986

■ 73.1843, 76.4297,
86.8069

Harmonies

Analogous

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



73.2526, 68.1782, 10.6861



53.9843, 68.1782, 11.4130



40.6439, 68.1782, 22.5016

Triad

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



53.9843, 68.1782, 11.4130



42.4804, 68.1782, 186.7402



109.3010, 68.1782, 99.9617

Complementary

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



53.9843, 68.1782, 11.4130



15.1834, 6.8584, 72.4793

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.



97.0218, 68.1782, 173.9615



53.9843, 68.1782, 11.4130



57.0265, 68.1782, 238.6642

Square

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



53.9843, 68.1782, 11.4130



34.9875, 68.1782, 112.2118



76.9746, 68.1782, 233.0693



108.0252, 68.1782, 45.9678

Rectangle

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



53.9843, 68.1782, 11.4130



35.6993, 68.1782, 40.1377



76.9746, 68.1782, 233.0693



106.5330, 68.1782, 123.6296

Sweetspot

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



53.9859, 68.1813, 11.4144



84.2082, 95.4387, 61.9568



32.3760, 17.8542, 2.8393



17.7708, 20.3202, 12.2127



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.



53.9859, 68.1813, 11.4144



69.8181, 89.0776, 13.5139



34.3225, 58.0445, 10.4942



14.7567, 15.9703, 14.6116



30.3601, 38.6837, 5.8666



2.1372, 2.6983, 0.4082

Inverse Universe

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



15.1834, 6.8584, 72.4793



18.3512, 7.3753, 95.0641



24.9943, 11.9161, 72.9384



13.0542, 13.2960, 17.2660



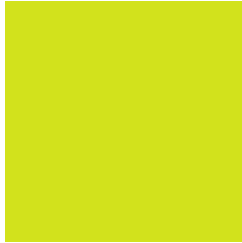
8.0161, 3.2278, 41.2489



0.5919, 0.2424, 2.8608

Previews

White Background



This preview shows how the XYZ color 53.9843, 68.1782, 11.4130 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 53.9843, 68.1782, 11.4130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

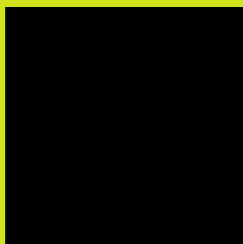
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9843, 68.1782, 11.4130

Background



This preview shows how black text looks on a background with the XYZ color 53.9843, 68.1782, 11.4130.



This preview shows how white text looks on a background with the XYZ color 53.9843, 68.1782,

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

53.9843, 68.1782, 11.4130

Protanopia

61.3387, 68.0549, 10.7672

Deuteranopia

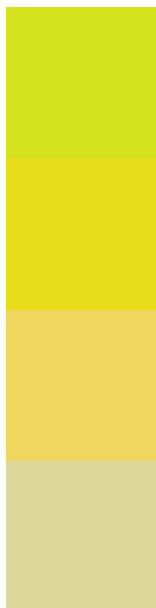
67.6496, 67.5243, 30.9407



Tritanopia

68.2758, 67.8080, 82.1628

Trichromacy



Original Color

53.9843, 68.1782, 11.4130

Protanomaly

58.4018, 68.0796, 10.9823

Deuteranomaly

61.6636, 67.2520, 20.3206

Tritanomaly

59.9875, 66.6939, 40.7219

Monochromacy



Original Color

53.9843, 68.1782, 11.4130

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

51.9444, 60.1036, 32.5303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9843, 68.1782, 11.4130 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(210, 226, 28)` looks like.

```
.text, #text, p{  
    color:rgb(210, 226, 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(210, 226, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 226, 28) }
```

Border

The CSS property to change the border of an element to XYZ 53.9843, 68.1782, 11.4130 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(210, 226, 28) }
```


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

```
.border{ border-color:rgb(210, 226, 28) }
```

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

Here you see how a box with a 4 pixel rgb(210, 226, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 226, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 226, 28);  
box-shadow:4px 4px 4px 4px rgb(210, 226,  
28) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9843, 68.1782, 11.4130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 226, 28) }
```

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

```
.background{ background-color: rgb(210,  
226, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor