

Converting Colors

XYZ(35.0476, 50.8290, 8.1074)

Have a look what the booklet for
XYZ(35.0476, 50.8290, 8.1074)
contains.

XYZ(35.0476, 50.8290, 8.1074)	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(35.0476, 50.8290,
8.1074)**

Conversions

Conversions Part 1

Format	Color
Hex	98CE05
RGB	152, 206, 5
RGB Percent	60%, 81%, 2%
CMY	0.4039, 0.1921, 0.9803
CMYK	0.26, 0.00, 0.98, 0.19
HSL	76°, 95%, 41%
HSV	76°, 98%, 81%
XYZ	35.0476, 50.8290, 8.1074
YIQ	166.9400, 32.3370, -73.9590

Conversions

Conversions Part 2

Format	Color
RYB	5, 206, 59
Decimal	10014213
CIELab	76.58, -40.49, 75.47
CIELCh	77, 85.646, 118.211
Yxy	50.8290, 0.3729, 0.5408
Android (android.graphics.Color)	4288204293 (0xFF98CE05)
YUV	166.9400, -79.8364, -13.1024
Hunter-Lab	71.2945, -37.0166, 43.1638

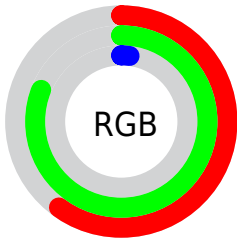
Details

The XYZ color **35.0476, 50.8290, 8.1074** is a dark color, and the websafe version is hex **99CC00**.

The color can be described as dark washed chartreuse. A complement of this color would be **13.0012, 5.4963, 58.7712**, and the grayscale version is **37.0697, 39.0002, 42.4712**.

A 20% lighter version of the original color is **64.2637, 86.0248, 21.8117**, and **15.6827, 24.5129, 3.9049** is the 20% darker color. If you saturate the color by 10%, you get **34.7699, 50.6907, 7.9517**, and if you desaturate by 10%, it is **36.2640, 51.4399, 8.9731**.

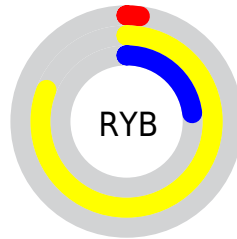
Distribution



Red (60%)

Green (81%)

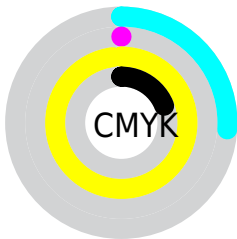
Blue (2%)



Red (2%)

Yellow (81%)

Blue (23%)

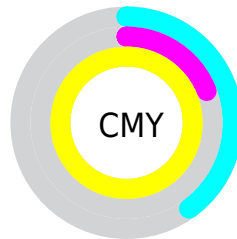


Cyan (26%)

Magenta (0%)

Yellow (98%)

Black (19%)



Cyan (40%)

Magenta (19%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0476, 50.8290, 8.1074 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 35.0476, 50.8290, 8.1074 by changing the saturation by 10% instead.

35.0476, 50.8290,
8.1074

35.0476, 50.8290,
8.1074

316.2827,
389.8990, 186.5379

23.8662, 36.0725,
4.0750

66.8930, 91.4020,
22.7184

15.3586, 24.4902,
1.6666

88.2878, 117.9872,
34.1340

9.1594, 15.6977,
0.3377

113.8178,
149.2843, 48.8478

4.9032, 9.3105,
0.0000

143.8483,
185.6774, 67.2783

2.2248, 4.9442,
0.0000

178.7447,
227.5510, 89.8440

0.7557, 2.2146,
0.0000

218.8723,

0.0000, 0.7279,

275.2896, 116.9635

0.0000

264.5965,
329.2775, 149.0553

■ 0.0000, 0.0000,
0.0000

■ 35.0476, 50.8290,
8.1074

■ 35.0476, 50.8290,
8.1074

■ 34.7699, 50.6907,
7.9517

■ 36.2640, 51.4399,
8.9731

■ 37.6888, 52.1379,
10.6855

■ 39.3582, 52.9396,
13.4271

■ 41.2975, 53.8550,
17.3272

■ 43.5281, 54.8929,
22.4965

■ 46.0693, 56.0608,
29.0325

■ 48.9383, 57.3660,
37.0233

■ 52.1510, 58.8147,
46.5496

■ 55.7222, 60.4129,
57.6862

Harmonies

Analogous

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



49.2890, 50.8290, 5.5171



35.0476, 50.8290, 8.1074



26.4004, 50.8290, 20.4282

Triad

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



35.0476, 50.8290, 8.1074



33.7071, 50.8290, 170.8608



86.5516, 50.8290, 58.1721

Complementary

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



35.0476, 50.8290, 8.1074



13.0012, 5.4963, 58.7712

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.



79.8704, 50.8290, 116.7927



35.0476, 50.8290, 8.1074



47.3469, 50.8290, 200.6882

Square

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



35.0476, 50.8290, 8.1074



25.7567, 50.8290, 109.0455



64.5594, 50.8290, 176.8254



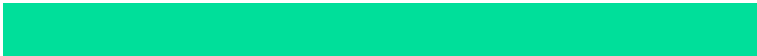
81.2358, 50.8290, 23.0085

Rectangle

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



35.0476, 50.8290, 8.1074



23.8097, 50.8290, 39.0649



64.5594, 50.8290, 176.8254



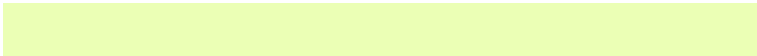
85.6095, 50.8290, 75.6143

Sweetspot

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



35.0488, 50.8313, 8.1085



78.4091, 92.5423, 57.4728



27.0270, 16.2226, 1.8511



16.3479, 19.6102, 11.0819



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.



35.0488, 50.8313, 8.1085



56.1261, 82.0191, 12.8731



23.5121, 44.8839, 7.5686



11.8484, 12.9392, 11.9525



21.5056, 31.2618, 4.9007



1.1793, 1.6487, 0.2561

Inverse Universe

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



13.0012, 5.4963, 58.7712



20.4704, 8.4678, 95.1633



25.5156, 11.9477, 59.3569



10.8799, 10.9874, 14.1177



7.9220, 3.2915, 36.1741



0.4826, 0.2079, 1.8696

Previews

White Background



This preview shows how the XYZ color 35.0476, 50.8290, 8.1074 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 35.0476, 50.8290, 8.1074 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

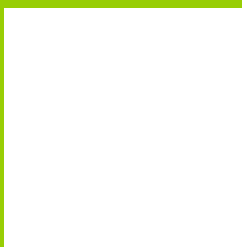
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0476, 50.8290, 8.1074

Background



This preview shows how black text looks on a background with the XYZ color 35.0476, 50.8290, 8.1074.



This preview shows how white text looks on a background with the XYZ color 35.0476, 50.8290,

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

35.0476, 50.8290, 8.1074

Protanopia

45.3490, 50.3922, 7.3365

Deuteranopia

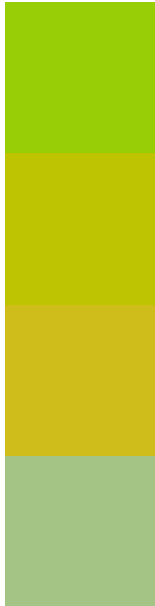
51.3950, 50.3847, 8.8501



Tritanopia

46.6879, 50.4245, 66.3037

Trichromacy



Original Color

35.0476, 50.8290, 8.1074

Protanomaly

40.7613, 49.9817, 7.5565

Deuteranomaly

43.8376, 49.5916, 8.2389

Tritanomaly

39.3528, 49.0936, 29.9562

Monochromacy



Original Color

35.0476, 50.8290, 8.1074

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

34.1309, 41.8118, 20.4590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0476, 50.8290, 8.1074 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(152, 206, 5)` looks like.

```
.text, #text, p{  
    color:rgb(152, 206, 5)  
}
```

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(152, 206, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 206, 5) }
```

Border

The CSS property to change the border of an element to XYZ 35.0476, 50.8290, 8.1074 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(152, 206, 5) }
```


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

```
.border{ border-color:rgb(152, 206, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 206, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 206, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 206, 5);  
box-shadow:4px 4px 4px 4px rgb(152, 206,  
5) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0476, 50.8290, 8.1074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 206, 5) }
```

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

```
.background{ background-color: rgb(152,  
206, 5) }
```

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