

Converting Colors

XYZ(35.5182, 51.5317, 8.2289)

Have a look what the booklet for
XYZ(35.5182, 51.5317, 8.2289)
contains.

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Color

**XYZ(35.4771, 51.4089,
8.1967)**

Conversions

Conversions Part 1

Format	Color
Hex	99CF05
RGB	153, 207, 5
RGB Percent	60%, 81%, 2%
CMY	0.4000, 0.1882, 0.9803
CMYK	0.26, 0.00, 0.98, 0.19
HSL	76°, 95%, 42%
HSV	76°, 98%, 81%
XYZ	35.4771, 51.4089, 8.1967
YIQ	167.8260, 32.6580, -74.2700

Conversions

Conversions Part 2

Format	Color
R_{YB}	5, 207, 59
Decimal	10080005
CIE _{Lab}	76.93, -40.54, 75.77
CIE _{LCh}	77, 85.933, 118.149
Yxy	51.4089, 0.3731, 0.5407
Android (android.graphics.Color)	4288270085 (0xFF99CF05)
YUV	167.8260, -80.2732, -13.0024
Hunter-Lab	71.7000, -37.1533, 43.4120

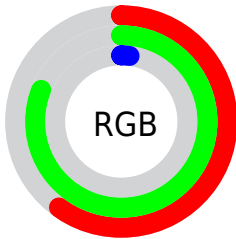
Details

The XYZ color **35.4771, 51.4089, 8.1967** 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 **13.1231, 5.5451, 59.4131**, and the grayscale version is **37.5070, 39.4602, 42.9722**.

A 20% lighter version of the original color is **64.5511, 86.1729, 21.8252**, and **15.9476, 24.8894, 3.9636** is the 20% darker color. If you saturate the color by 10%, you get **35.1985, 51.2701, 8.0410**, and if you desaturate by 10%, it is **36.7033, 52.0247, 9.0687**.

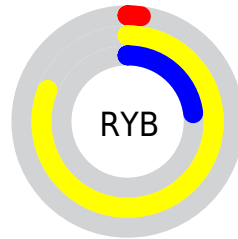
Distribution



Red (60%)

Green (81%)

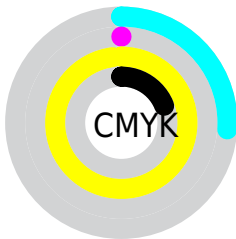
Blue (2%)



Red (2%)

Yellow (81%)

Blue (23%)

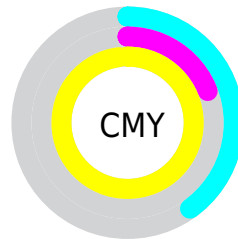


Cyan (26%)

Magenta (0%)

Yellow (98%)

Black (19%)



Cyan (40%)

Magenta (19%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4771, 51.4089, 8.1967 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 35.4771, 51.4089, 8.1967 by changing the saturation by 10% instead.

■ 35.4771, 51.4089,
8.1967

■ 35.4771, 51.4089,
8.1967

318.1405,
392.1504, 187.2586

■ 24.1989, 36.5341,
4.1315

■ 67.5534, 92.2589,
22.8957

■ 15.6067, 24.8470,
1.6978

■ 89.0821, 119.0029,
34.3665

■ 9.3354, 15.9631,
0.3592

■ 114.7584,
150.4722, 49.1430

■ 5.0194, 9.4980,
0.0000

■ 144.9476,
187.0510, 67.6436

■ 2.2935, 5.0674,
0.0000

■ 180.0151,
229.1239, 90.2870

■ 0.7914, 2.2869,
0.0000

■ 220.3261,

■ 0.0000, 0.7668,

277.0751, 117.4915

0.0000

266.2461,
331.2892, 149.6759

■ 0.0000, 0.0000,
0.0000

■ 35.4771, 51.4089,
8.1967

■ 35.4771, 51.4089,
8.1967

■ 35.1985, 51.2701,
8.0410

■ 36.7033, 52.0247,
9.0687

■ 38.1397, 52.7285,
10.7966

■ 39.8231, 53.5367,
13.5651

■ 41.7788, 54.4597,
17.5051

■ 44.0287, 55.5063,
22.7286

■ 46.5922, 56.6843,
29.3344

■ 49.4868, 58.0007,
37.4116

■ 52.7285, 59.4621,
47.0418

■ 56.3323, 61.0745,
58.3008

Harmonies

Analogous

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



49.8856, 51.4089, 5.5892



35.4771, 51.4089, 8.1967



26.7215, 51.4089, 20.6291

Triad

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



35.4771, 51.4089, 8.1967



34.0745, 51.4089, 172.6293



87.5171, 51.4089, 58.9359

Complementary

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



35.4771, 51.4089, 8.1967



13.1231, 5.5451, 59.4131

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.



80.7400, 51.4089, 118.2280



35.4771, 51.4089, 8.1967



47.8537, 51.4089, 202.8772

Square

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



35.4771, 51.4089, 8.1967



26.0479, 51.4089, 110.1244



65.2514, 51.4089, 178.8677



82.1683, 51.4089, 23.3296

Rectangle

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



35.4771, 51.4089, 8.1967



24.0941, 51.4089, 39.4409



65.2514, 51.4089, 178.8677



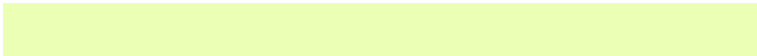
86.5562, 51.4089, 76.5852

Sweetspot

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



35.4783, 51.4112, 8.1978



78.4416, 92.5591, 57.4743



27.3192, 16.3935, 1.8687



16.3558, 19.6143, 11.0822



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.



35.4783, 51.4112, 8.1978



56.2090, 82.0618, 12.8770



23.7657, 45.3731, 7.6497



12.4822, 13.6320, 12.5854



22.2694, 32.3493, 5.0703



1.3183, 1.8465, 0.2869

Inverse Universe

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



13.1231, 5.5451, 59.4131



20.4466, 8.4555, 95.1622



25.7901, 12.0752, 60.0059



11.4560, 11.5684, 14.8728



8.1781, 3.3962, 37.4170



0.5336, 0.2292, 2.0957

Previews

White Background



This preview shows how the XYZ color 35.4771, 51.4089, 8.1967 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 35.4771, 51.4089, 8.1967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

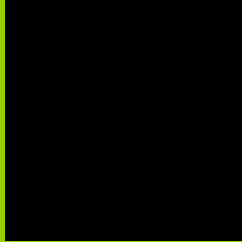
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4771, 51.4089, 8.1967

Background



This preview shows how black text looks on a background with the XYZ color 35.4771, 51.4089, 8.1967.



This preview shows how white text looks on a background with the XYZ color 35.4771, 51.4089,

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

35.4771, 51.4089, 8.1967

Protanopia

45.8540, 50.9730, 7.4220

Deuteranopia

51.7462, 50.5638, 8.9519



Tritanopia

47.2481, 51.0240, 67.0329

Trichromacy



Original Color

35.4771, 51.4089, 8.1967

Protanomaly

41.2367, 50.5606, 7.6432

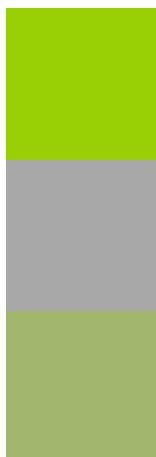
Deuteranomaly

44.1276, 49.7397, 8.3119

Tritanomaly

39.7864, 49.6531, 30.0413

Monochromacy



Original Color

35.4771, 51.4089, 8.1967

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

34.5925, 42.3466, 20.8185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4771, 51.4089, 8.1967 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(153, 207, 5)` looks like.

```
.text, #text, p{  
    color:rgb(153, 207, 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(153, 207, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 207, 5) }
```

Border

The CSS property to change the border of an element to XYZ 35.4771, 51.4089, 8.1967 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(153, 207, 5) }
```


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

```
.border{ border-color:rgb(153, 207, 5) }
```

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

Here you see how a box with a 4 pixel rgb(153, 207, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 207, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 207, 5);  
box-shadow:4px 4px 4px 4px rgb(153, 207,  
5) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4771, 51.4089, 8.1967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 207, 5) }
```

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

```
.background{ background-color: rgb(153,  
207, 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](#).

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