

Converting Colors

XYZ(35.8403, 46.5716, 14.1383)

Have a look what the booklet for
XYZ(35.8403, 46.5716, 14.1383)
contains.

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Color

**XYZ(35.9266, 46.6751,
14.1368)**

Conversions

Conversions Part 1

Format	Color
Hex	A5C14D
RGB	165, 193, 77
RGB Percent	65%, 76%, 30%
CMY	0.3529, 0.2431, 0.6980
CMYK	0.15, 0.00, 0.60, 0.24
HSL	74°, 48%, 53%
HSV	74°, 60%, 76%
XYZ	35.9266, 46.6751, 14.1368
YIQ	171.4040, 20.5480, -42.0120

Conversions

Conversions Part 2

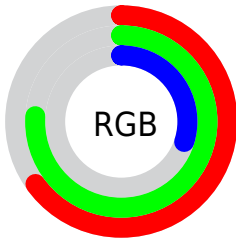
Format	Color
RYB	77, 193, 105
Decimal	10862925
CIELab	73.98, -26.33, 53.87
CIELCh	74, 59.960, 116.052
Yxy	46.6751, 0.3714, 0.4825
Android (android.graphics.Color)	4289053005 (0xFFA5C14D)
YUV	171.4040, -46.5412, -5.6163
Hunter-Lab	68.3192, -25.6918, 35.5550

Details

The XYZ color **35.9266, 46.6751, 14.1368** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **18.1069, 12.1624, 51.8481**, and the grayscale version is **39.1328, 41.1708, 44.8350**.

A 20% lighter version of the original color is **68.3391, 85.5125, 34.0228**, and **15.7893, 21.8307, 4.0434** is the 20% darker color. If you saturate the color by 10%, you get **34.3925, 45.9532, 11.0206**, and if you desaturate by 10%, it is **37.7004, 47.5003, 18.3212**.

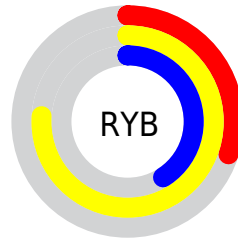
Distribution



Red (65%)

Green (76%)

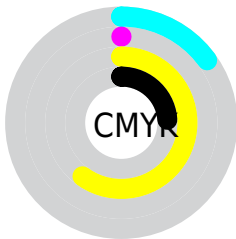
Blue (30%)



Red (30%)

Yellow (76%)

Blue (41%)

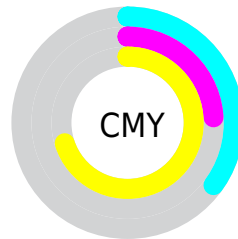


Cyan (15%)

Magenta (0%)

Yellow (60%)

Black (24%)



Cyan (35%)

Magenta (24%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9266, 46.6751, 14.1368 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 35.9266, 46.6751, 14.1368 by changing the saturation by 10% instead.

35.9266, 46.6751,
14.1368

35.9266, 46.6751,
14.1368

320.0764,
373.5162, 229.5382

24.5474, 32.7789,
8.0760

68.2434, 85.2284,
34.0522

15.8671, 21.9571,
4.0552

89.9116, 110.6544,
48.7439

9.5204, 13.8254,
1.6557

115.7402,
140.6923, 67.1496

5.1420, 7.9993,
0.3301

146.0946,
175.7267, 89.6880

2.3664, 4.0945,
0.0000

181.3400,
216.1418, 116.7775

0.8283, 1.7266,
0.0000

221.8419,

0.0000, 0.4408,

262.3222, 148.8366

0.0000

267.9656,
314.6522, 186.2840

■ 0.0000, 0.0000,
0.0000

■ 35.9266, 46.6751,
14.1368

■ 35.9266, 46.6751,
14.1368

■ 34.3925, 45.9532,
11.0206

■ 37.7004, 47.5003,
18.3212

■ 33.0760, 45.3207,
8.8724

■ 39.7271, 48.4291,
23.6564

■ 31.9559, 44.7707,
7.5780

■ 42.0229, 49.4697,
30.2203

■ 30.9981, 44.2906,
6.9152

■ 44.6013, 50.6276,
38.0829

■ 47.4752, 51.9079,
47.3092

■ 50.6563, 53.3154,
57.9597

■ 54.1558, 54.8545,
70.0915

■ 57.9842, 56.5296,
83.7582

■ 62.1515, 58.3447,
99.0111

Harmonies

Analogous

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



45.7949, 46.6751, 11.7886



35.9266, 46.6751, 14.1368



29.3906, 46.6751, 24.5063

Triad

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



35.9266, 46.6751, 14.1368



33.8368, 46.6751, 117.0491



68.2179, 46.6751, 54.9870

Complementary

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



35.9266, 46.6751, 14.1368



18.1069, 12.1624, 51.8481

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.



63.7136, 46.6751, 91.3403



35.9266, 46.6751, 14.1368



42.9618, 46.6751, 135.1856

Square

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



35.9266, 46.6751, 14.1368



28.3272, 46.6751, 81.3420



54.0270, 46.6751, 124.2677



65.5338, 46.6751, 29.0861

Rectangle

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



35.9266, 46.6751, 14.1368



27.2411, 46.6751, 37.9001



54.0270, 46.6751, 124.2677



67.4774, 46.6751, 66.3886

Sweetspot

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



35.9277, 46.6772, 14.1378



80.7744, 91.0707, 71.0269



28.2906, 21.7887, 9.7363



17.0204, 19.3998, 14.2698



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.9277, 46.6772, 14.1378



60.8413, 81.9390, 18.3989



26.5873, 41.8621, 13.7007



10.6682, 11.6319, 10.7448



20.6909, 29.4954, 4.6027



0.9526, 1.3046, 0.2016

Inverse Universe

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



18.1069, 12.1624, 51.8481



26.2909, 14.8106, 91.8333



27.1950, 16.8475, 52.2734



9.7510, 9.8628, 12.6746



7.2307, 2.9880, 33.7523



0.3768, 0.1623, 1.4613

Previews

White Background



This preview shows how the XYZ color 35.9266, 46.6751, 14.1368 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 35.9266, 46.6751, 14.1368 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 35.9266, 46.6751, 14.1368

Background



This preview shows how black text looks on a background with the XYZ color 35.9266, 46.6751, 14.1368.



This preview shows how white text looks on a background with the XYZ color 35.9266, 46.6751,

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

35.9266, 46.6751, 14.1368

Protanopia

42.3211, 46.5069, 13.2247

Deuteranopia

47.2454, 46.3590, 14.6417



Tritanopia

44.7343, 46.4529, 58.2383

Trichromacy



Original Color

35.9266, 46.6751, 14.1368

Protanomaly

39.8152, 46.4446, 13.5228

Deuteranomaly

42.4351, 45.9331, 14.4140

Tritanomaly

40.2500, 45.8492, 36.4341

Monochromacy



Original Color

35.9266, 46.6751, 14.1368

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

36.9976, 42.4814, 29.9166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9266, 46.6751, 14.1368 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(165, 193, 77)` looks like.

```
.text, #text, p{  
    color:rgb(165, 193, 77)  
}
```

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(165, 193, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 193, 77) }
```

Border

The CSS property to change the border of an element to XYZ 35.9266, 46.6751, 14.1368 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(165, 193, 77) }
```


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

```
.border{ border-color:rgb(165, 193, 77) }
```

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

Here you see how a box with a 4 pixel rgb(165, 193, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 193, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 193, 77);  
box-shadow:4px 4px 4px 4px rgb(165, 193,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9266, 46.6751, 14.1368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 193, 77) }
```

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

```
.background{ background-color: rgb(165,  
193, 77) }
```

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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