

Converting Colors

XYZ(34.5850, 42.9184, 8.6517)

Have a look what the booklet for
XYZ(34.5850, 42.9184, 8.6517)
contains.

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Color

**XYZ(34.5850, 42.9184,
8.6517)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB72A
RGB	173, 183, 42
RGB Percent	68%, 72%, 16%
CMY	0.3216, 0.2823, 0.8353
CMYK	0.05, 0.00, 0.77, 0.28
HSL	64°, 63%, 44%
HSV	64°, 77%, 72%
XYZ	34.5850, 42.9184, 8.6517
YIQ	163.9360, 39.3010, -45.9710

Conversions

Conversions Part 2

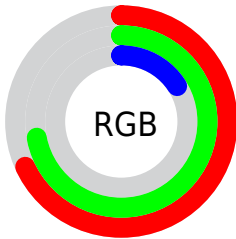
Format	Color
R _Y B	42, 183, 52
Decimal	11384618
CIE Lab	71.50, -20.19, 64.88
CIE LCh	71, 67.949, 107.288
Yxy	42.9184, 0.4014, 0.4982
Android (android.graphics.Color)	4289574698 (0xFFADB72A)
YUV	163.9360, -60.1144, 7.9491
Hunter-Lab	65.5121, -20.4130, 38.0285

Details

The XYZ color **34.5850, 42.9184, 8.6517** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **10.7926, 5.8058, 45.3542**, and the grayscale version is **35.5213, 37.3712, 40.6972**.

A 20% lighter version of the original color is **66.0736, 79.6228, 23.6907**, and **15.3188, 19.7472, 3.0042** is the 20% darker color. If you saturate the color by 10%, you get **34.0440, 42.6706, 7.2901**, and if you desaturate by 10%, it is **35.2803, 43.2314, 10.8025**.

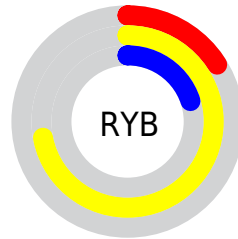
Distribution



Red (68%)

Green (72%)

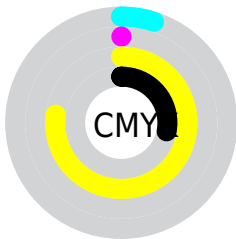
Blue (16%)



Red (16%)

Yellow (72%)

Blue (20%)

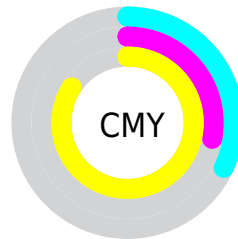


Cyan (5%)

Magenta (0%)

Yellow (77%)

Black (28%)



Cyan (32%)

Magenta (28%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5850, 42.9184, 8.6517 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 34.5850, 42.9184, 8.6517 by changing the saturation by 10% instead.

■ 34.5850, 42.9184,
8.6517

■ 34.5850, 42.9184,
8.6517

314.2729,
358.2761, 190.8793

■ 23.5084, 29.8211,
4.4210

■ 66.1806, 79.5877,
23.7934

■ 15.0921, 19.7028,
1.8590

■ 87.4304, 103.9285,
35.5415

■ 8.9708, 12.1792,
0.4665

■ 112.8018,
132.7859, 50.6324

■ 4.7791, 6.8659,
0.0000

■ 142.6604,
166.5443, 69.4848

■ 2.1517, 3.3783,
0.0000

■ 177.3715,
205.5882, 92.5171

■ 0.7171, 1.3323,
0.0000

■ 217.3003,

■ 0.0000, 0.1660,

250.3018, 120.1480

0.0000

262.8124,
301.0697, 152.7959

■ 0.0000, 0.0000,
0.0000

■ 34.5850, 42.9184,
8.6517

■ 34.5850, 42.9184,
8.6517

■ 34.0440, 42.6706,
7.2901

■ 35.2803, 43.2314,
10.8025

■ 33.6288, 42.4718,
6.5806

■ 36.1449, 43.6110,
13.8350

■ 33.5161, 42.4171,
6.4208

■ 37.1955, 44.0652,
17.8315

■ 38.4456, 44.5995,
22.8646

■ 39.9078, 45.2190,
28.9995

■ 41.5934, 45.9282,
36.2964

■ 43.5131, 46.7314,
44.8109

■ 45.6768, 47.6325,
54.5952

■ 48.0937, 48.6352,
65.6984

Harmonies

Analogous

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



45.8390, 42.9184, 8.2346



34.5850, 42.9184, 8.6517



26.6424, 42.9184, 15.6529

Triad

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



34.5850, 42.9184, 8.6517



27.5906, 42.9184, 110.1756



66.3014, 42.9184, 62.0477

Complementary

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



34.5850, 42.9184, 8.6517



10.7926, 5.8058, 45.3542

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.



59.2321, 42.9184, 103.9794



34.5850, 42.9184, 8.6517



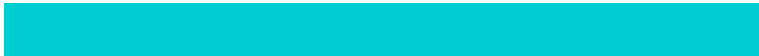
36.1310, 42.9184, 139.3530

Square

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



34.5850, 42.9184, 8.6517



23.1546, 42.9184, 68.1196



47.7019, 42.9184, 136.6665



65.6734, 42.9184, 30.3655

Rectangle

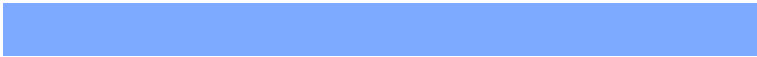
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.5850, 42.9184, 8.6517



23.6472, 42.9184, 26.3454



47.7019, 42.9184, 136.6665



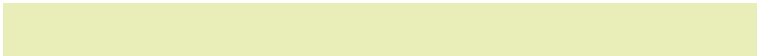
64.6982, 42.9184, 75.5953

Sweetspot

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



34.5860, 42.9204, 8.6526



72.5295, 81.4285, 56.4793



21.1492, 12.6383, 3.5158



15.7892, 17.8879, 11.4864



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.5860, 42.9204, 8.6526



60.4675, 76.1794, 12.1320



22.9581, 36.9260, 8.1084



9.6856, 10.4701, 9.6173



23.4043, 29.6017, 4.4802



0.8440, 1.0533, 0.1588

Inverse Universe

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



10.7926, 5.8058, 45.3542



16.2151, 6.9358, 80.7198



17.3885, 9.2061, 45.6629



8.5786, 8.7491, 11.3160



6.1012, 2.4565, 31.4057



0.2351, 0.0969, 1.1081

Previews

White Background



This preview shows how the XYZ color 34.5850, 42.9184, 8.6517 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 34.5850, 42.9184, 8.6517 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 34.5850, 42.9184, 8.6517

Background



This preview shows how black text looks on a background with the XYZ color 34.5850, 42.9184, 8.6517.



This preview shows how white text looks on a background with the XYZ color 34.5850, 42.9184,

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

34.5850, 42.9184, 8.6517

Protanopia

38.7389, 42.6835, 8.2045

Deuteranopia

43.4254, 42.5628, 8.9443



Tritanopia

43.2222, 42.9008, 51.3500

Trichromacy



Original Color

34.5850, 42.9184, 8.6517

Protanomaly

37.0597, 42.6923, 8.3850

Deuteranomaly

39.6227, 42.2668, 8.7593

Tritanomaly

38.5509, 42.1496, 27.9336

Monochromacy



Original Color

34.5850, 42.9184, 8.6517

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

33.8894, 38.6974, 23.4525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5850, 42.9184, 8.6517 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(173, 183, 42)` looks like.

```
.text, #text, p{  
    color:rgb(173, 183, 42)  
}
```

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(173, 183, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 183, 42) }
```

Border

The CSS property to change the border of an element to XYZ 34.5850, 42.9184, 8.6517 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(173, 183, 42) }
```


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

```
.border{ border-color:rgb(173, 183, 42) }
```

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

Here you see how a box with a 4 pixel rgb(173, 183, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 183, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 183, 42);  
box-shadow:4px 4px 4px 4px rgb(173, 183,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5850, 42.9184, 8.6517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 183, 42) }
```

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

```
.background{ background-color: rgb(173,  
183, 42) }
```

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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