

Converting Colors

XYZ(35.0255, 42.6008, 6.3767)

Have a look what the booklet for
XYZ(35.0255, 42.6008, 6.3767)
contains.

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Color

**XYZ(35.1143, 42.6315,
6.3780)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B500
RGB	179, 181, 0
RGB Percent	70%, 71%, 0%
CMY	0.2980, 0.2902, 0.9999
CMYK	0.01, 0.00, 1.00, 0.29
HSL	61°, 100%, 35%
HSV	61°, 100%, 71%
XYZ	35.1143, 42.6315, 6.3780
YIQ	159.7680, 56.9090, -56.7150

Conversions

Conversions Part 2

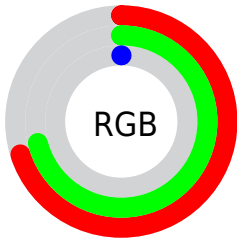
Format	Color
RYB	0, 181, 2
Decimal	11777280
CIELab	71.30, -17.54, 72.85
CIELCh	71, 74.933, 103.536
Yxy	42.6315, 0.4174, 0.5068
Android (android.graphics.Color)	4289967360 (0xFFB3B500)
YUV	159.7680, -78.7656, 16.8665
Hunter-Lab	65.2928, -18.2656, 39.9133

Details

The XYZ color **35.1143, 42.6315, 6.3780** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **8.3666, 3.3499, 43.9244**, and the grayscale version is **33.6417, 35.3937, 38.5437**.

A 20% lighter version of the original color is **66.9554, 79.3100, 19.1766**, and **15.7452, 19.5759, 2.9487** is the 20% darker color. If you saturate the color by 10%, you get **35.1151, 42.6334, 6.3783**, and if you desaturate by 10%, it is **35.2717, 42.7014, 6.9606**.

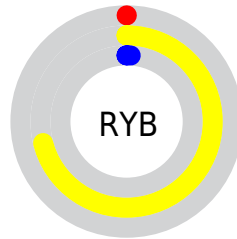
Distribution



Red (70%)

Green (71%)

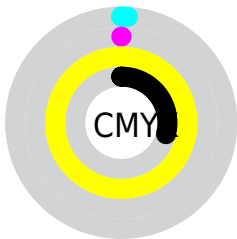
Blue (0%)



Red (0%)

Yellow (71%)

Blue (1%)

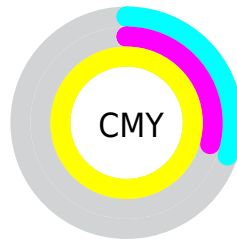


Cyan (1%)

Magenta (0%)

Yellow (100%)

Black (29%)



Cyan (30%)


Magenta (29%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1143, 42.6315, 6.3780 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 35.1143, 42.6315, 6.3780 by changing the saturation by 10% instead.


 35.1143, 42.6315,
6.3780


 35.1143, 42.6315,
6.3780


316.5717,
357.0941, 171.8203

 23.9179, 29.5961,
3.0038


 66.9957, 79.1545,
19.2016

 15.3971, 19.5322,
1.0966


 88.4113, 103.4108,
29.4881

 9.1867, 12.0555,
0.0000


 113.9640,
132.1763, 42.9157

 4.9212, 6.7815,
0.0000

 144.0192,
165.8353, 59.9031

 2.2354, 3.3258,
0.0000

 178.9422,
204.7722, 80.8687

 0.7613, 1.3041,
0.0000

 219.0984,

 0.0000, 0.1444,

249.3713, 106.2310

0.0000

264.8531,
300.0172, 136.4088

■ 0.0000, 0.0000,
0.0000

■ 35.1143, 42.6315,
6.3780

■ 35.1143, 42.6315,
6.3780

■ 35.1151, 42.6334,
6.3783

■ 35.2717, 42.7014,
6.9606

■ 35.5298, 42.8101,
8.0773

■ 35.9280, 42.9747,
9.9310

■ 36.4847, 43.2027,
12.6192

■ 37.2156, 43.5005,
16.2247

■ 38.1346, 43.8735,
20.8202

■ 39.2541, 44.3267,
26.4711

■ 40.5855, 44.8647,
33.2374

■ 42.1393, 45.4916,
41.1744

Harmonies

Analogous

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



47.7744, 42.6315, 6.6252



35.1143, 42.6315, 6.3780



26.0292, 42.6315, 12.1181

Triad

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



35.1143, 42.6315, 6.3780



25.3836, 42.6315, 112.4143



68.4480, 42.6315, 68.9671

Complementary

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



35.1143, 42.6315, 6.3780



8.3666, 3.3499, 43.9244

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.



59.5845, 42.6315, 116.9907



35.1143, 42.6315, 6.3780



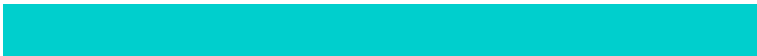
34.0398, 42.6315, 149.6875

Square

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



35.1143, 42.6315, 6.3780



21.2487, 42.6315, 64.6084



46.4537, 42.6315, 151.6969



68.9029, 42.6315, 32.0097

Rectangle

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



35.1143, 42.6315, 6.3780



22.4840, 42.6315, 21.8725



46.4537, 42.6315, 151.6969



66.2814, 42.6315, 84.6706

Sweetspot

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



35.1153, 42.6335, 6.3789



70.1873, 79.3381, 46.8407



19.0576, 9.8248, 0.8925



14.9823, 17.0719, 9.1751



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.1153, 42.6335, 6.3789



62.8726, 76.3437, 11.4221



20.7915, 35.2493, 5.7085



9.1876, 9.9018, 9.0795



24.2103, 29.3909, 4.3970



0.7647, 0.9263, 0.1385

Inverse Universe

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



8.3666, 3.3499, 43.9244



14.9702, 5.9918, 78.6621



12.6077, 5.5363, 44.1229



8.0504, 8.2345, 10.6714



5.7710, 2.3108, 30.2789



0.1844, 0.0742, 0.9528

Previews

White Background



This preview shows how the XYZ color 35.1143, 42.6315, 6.3780 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 35.1143, 42.6315, 6.3780 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 35.1143, 42.6315, 6.3780

Background



This preview shows how black text looks on a background with the XYZ color 35.1143, 42.6315, 6.3780.



This preview shows how white text looks on a background with the XYZ color 35.1143, 42.6315,

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

35.1143, 42.6315, 6.3780

Protanopia

38.3559, 42.5303, 6.1876

Deuteranopia

43.1799, 42.2098, 6.9701



Tritanopia

43.8290, 42.4178, 49.5935

Trichromacy



Original Color

35.1143, 42.6315, 6.3780

Protanomaly

36.9573, 42.3914, 6.2345

Deuteranomaly

39.8489, 42.1486, 6.6075

Tritanomaly

38.5316, 41.6897, 22.2357

Monochromacy



Original Color

35.1143, 42.6315, 6.3780

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.3373, 37.1801, 18.0425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1143, 42.6315, 6.3780 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(179, 181, 0)` looks like.

```
.text, #text, p{  
    color:rgb(179, 181, 0)  
}
```

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(179, 181, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 181, 0) }
```

Border

The CSS property to change the border of an element to XYZ 35.1143, 42.6315, 6.3780 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(179, 181, 0) }
```


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

```
.border{ border-color:rgb(179, 181, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 181, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 181, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 181, 0);  
box-shadow:4px 4px 4px 4px rgb(179, 181,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1143, 42.6315, 6.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 181, 0) }
```

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

```
.background{ background-color: rgb(179,  
181, 0) }
```

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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