

Converting Colors

XYZ(35.6040, 43.8981, 6.5967)

Have a look what the booklet for
XYZ(35.6040, 43.8981, 6.5967)
contains.

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Color

**XYZ(35.5006, 43.7460,
6.5727)**

Conversions

Conversions Part 1

Format	Color
Hex	B2B800
RGB	178, 184, 0
RGB Percent	70%, 72%, 0%
CMY	0.3020, 0.2784, 0.9999
CMYK	0.03, 0.00, 1.00, 0.28
HSL	62°, 100%, 36%
HSV	62°, 100%, 72%
XYZ	35.5006, 43.7460, 6.5727
YIQ	161.2300, 55.4880, -58.4960

Conversions

Conversions Part 2

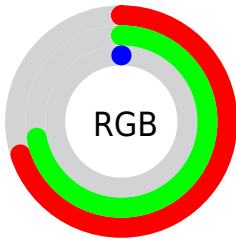
Format	Color
RYB	0, 184, 6
Decimal	11712512
CIELab	72.06, -19.48, 73.37
CIELCh	72, 75.911, 104.869
Yxy	43.7460, 0.4137, 0.5097
Android (android.graphics.Color)	4289902592 (0xFFB2B800)
YUV	161.2300, -79.4864, 14.7073
Hunter-Lab	66.1408, -19.9377, 40.4066

Details

The XYZ color **35.5006, 43.7460, 6.5727** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **8.7279, 3.5002, 45.5658**, and the grayscale version is **34.3257, 36.1133, 39.3274**.

A 20% lighter version of the original color is **67.5331, 80.9039, 19.6461**, and **16.0015, 20.2975, 3.0745** is the 20% darker color. If you saturate the color by 10%, you get **35.5014, 43.7479, 6.5731**, and if you desaturate by 10%, it is **35.7523, 43.8643, 7.1727**.

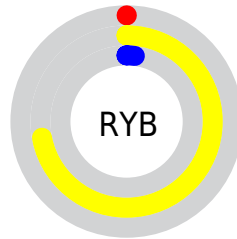
Distribution



Red (70%)

Green (72%)

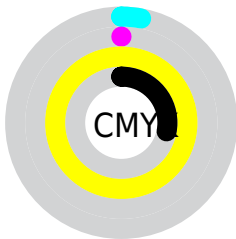
Blue (0%)



Red (0%)

Yellow (72%)

Blue (2%)

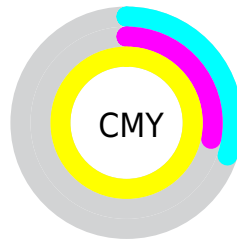


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (28%)



Cyan (30%)


Magenta (28%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5006, 43.7460, 6.5727 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 35.5006, 43.7460, 6.5727 by changing the saturation by 10% instead.


 35.5006, 43.7460,
6.5727


 35.5006, 43.7460,
6.5727


318.2419,
361.6708, 173.5583

 24.2171, 30.4709,
3.1220


 67.5895, 80.8354,
19.6063

 15.6203, 20.1963,
1.1572


 89.1255, 105.4185,
30.0263


 9.3450, 12.5378,
0.0000


 114.8098,
134.5396, 43.6064

 5.0258, 7.1111,
0.0000

 145.0077,
168.5833, 60.7652

 2.2973, 3.5316,
0.0000

 180.0844,
207.9338, 81.9213

 0.7933, 1.4152,
0.0000

 220.4055,

 0.0000, 0.2279,

252.9757, 107.4931

0.0000

266.3362,
304.0932, 137.8993

■ 0.0000, 0.0000,
0.0000

■ 35.5006, 43.7460,
6.5727

■ 35.5006, 43.7460,
6.5727

■ 35.5014, 43.7479,
6.5731

■ 35.7523, 43.8643,
7.1727

■ 36.1094, 44.0232,
8.3295

■ 36.6126, 44.2405,
10.2517

■ 37.2809, 44.5240,
13.0407

■ 38.1309, 44.8802,
16.7829

■ 39.1768, 45.3149,
21.5541

■ 40.4317, 45.8332,
27.4224

■ 41.9074, 46.4400,
34.4502

■ 43.6148, 47.1395,
42.6952

Harmonies

Analogous

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



48.4371, 43.7460, 6.5953



35.5006, 43.7460, 6.5727



26.3459, 43.7460, 12.8197

Triad

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



35.5006, 43.7460, 6.5727



26.2863, 43.7460, 117.9064



70.6100, 43.7460, 68.8216

Complementary

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



35.5006, 43.7460, 6.5727



8.7279, 3.5002, 45.5658

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.



61.7791, 43.7460, 118.3303



35.5006, 43.7460, 6.5727



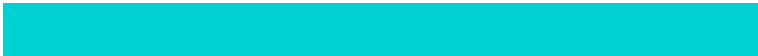
35.4014, 43.7460, 155.2456

Square

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



35.5006, 43.7460, 6.5727



21.8280, 43.7460, 68.4184



48.3150, 43.7460, 155.4319



70.6521, 43.7460, 31.5500

Rectangle

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



35.5006, 43.7460, 6.5727



22.8364, 43.7460, 23.2762



48.3150, 43.7460, 155.4319



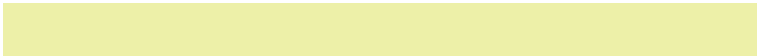
68.5010, 43.7460, 84.8739

Sweetspot

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



35.5016, 43.7480, 6.5736



73.1631, 83.0283, 49.1133



19.8020, 10.2580, 0.9368



15.5589, 17.8111, 9.5843



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.



35.5016, 43.7480, 6.5736



64.3102, 79.2787, 11.9128



21.2562, 36.4043, 5.9069



9.7204, 10.4880, 9.6190



24.4779, 30.1551, 4.5304



0.8720, 1.0677, 0.1601

Inverse Universe

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



8.7279, 3.5002, 45.5658



15.7816, 6.3239, 82.5935



13.3799, 5.8984, 45.7835



8.5475, 8.7331, 11.3146



6.0263, 2.4178, 31.4021



0.2217, 0.0900, 1.1074

Previews

White Background



This preview shows how the XYZ color 35.5006, 43.7460, 6.5727 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 35.5006, 43.7460, 6.5727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

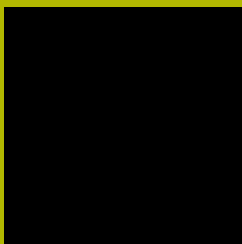
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5006, 43.7460, 6.5727

Background



This preview shows how black text looks on a background with the XYZ color 35.5006, 43.7460, 6.5727.



This preview shows how white text looks on a background with the XYZ color 35.5006, 43.7460,

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

35.5006, 43.7460, 6.5727

Protanopia

39.2753, 43.5864, 6.3430

Deuteranopia

44.4719, 43.4141, 7.1982



Tritanopia

44.7005, 43.6629, 51.4192

Trichromacy



Original Color

35.5006, 43.7460, 6.5727

Protanomaly

37.8071, 43.7189, 6.4459

Deuteranomaly

40.7849, 43.1962, 6.7604

Tritanomaly

38.9859, 42.7741, 23.0311

Monochromacy



Original Color

35.5006, 43.7460, 6.5727

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.5226, 37.5507, 18.1043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5006, 43.7460, 6.5727 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(178, 184, 0)` looks like.

```
.text, #text, p{  
    color:rgb(178, 184, 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(178, 184, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 184, 0) }
```

Border

The CSS property to change the border of an element to XYZ 35.5006, 43.7460, 6.5727 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(178, 184, 0) }
```


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

```
.border{ border-color:rgb(178, 184, 0) }
```

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

Here you see how a box with a 4 pixel rgb(178, 184, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 184, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 184, 0);  
box-shadow:4px 4px 4px 4px rgb(178, 184,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5006, 43.7460, 6.5727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 184, 0) }
```

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

```
.background{ background-color: rgb(178,  
184, 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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