

Converting Colors

YUV(46.5000, 48.5605,
-35.5185)

Have a look what the booklet for
YUV(46.5000, 48.5605, -35.5185)
contains.

YUV(46.5000, 48.5605, -35.5185)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(46.5000, 48.5605,
-35.5185)**

Conversions

Conversions Part 1

Format	Color
Hex	063091
RGB	6, 48, 145
RGB Percent	2%, 19%, 57%
CMY	0.9765, 0.8118, 0.4314
CMYK	0.96, 0.67, 0.00, 0.43
HSL	222°, 92%, 30%
HSV	222°, 96%, 57%
XYZ	6.2429, 4.1970, 27.2691
YIQ	46.5000, -56.1690, 21.2630

Conversions

Conversions Part 2

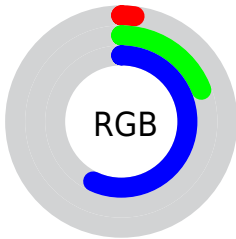
Format	Color
RYB	6, 38, 145
Decimal	405649
CIELab	24.31, 27.98, -56.56
CIELCh	24, 63.104, 296.318
Yxy	4.1970, 0.1656, 0.1113
Android (android.graphics.Color)	4278595729 (0xFF063091)
YUV	46.5000, 48.5605, -35.5185
Hunter-Lab	20.4865, 18.5434, -64.5792

Details

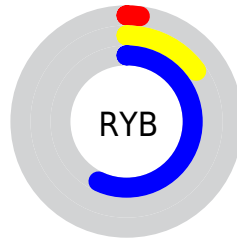
The YUV color **46.5000, 48.5605, -35.5185** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **104.5000, -48.5605, 35.5185**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.3930, 47.6273, -16.1307**, and **14.1240, 38.8859, -12.3867** is the 20% darker color. If you saturate the color by 10%, you get **42.3580, 50.6025, -37.1480**, and if you desaturate by 10%, it is **56.8550, 43.4555, -31.4448**.

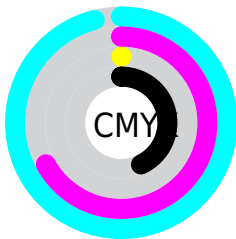
Distribution



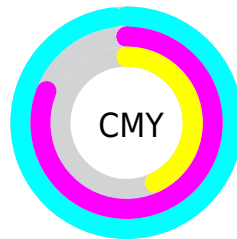
- Red (2%)
- Green (19%)
- Blue (57%)



- Red (2%)
- Yellow (15%)
- Blue (57%)



- Cyan (96%)
- Magenta (67%)
- Yellow (0%)
- Black (43%)



- Cyan (98%)
- Magenta (81%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.5000, 48.5605, -35.5185 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 YUV color 46.5000, 48.5605, -35.5185 by changing the saturation by 10% instead.

■ 46.5000, 48.5605,
-35.5185

■ 46.5000, 48.5605,
-35.5185

■ 255.0000, 0.0000,
0.0000

■ 30.0020, 43.8760,
-26.3118

■ 103.3930, 47.6273,
-16.1307

■ 14.1240, 38.8859,
-12.3867

■ 129.6430, 48.4900,
-12.8419

■ 10.8010, 28.6921,
-9.4725

■ 156.6540, 48.4846,
-11.0976

■ 7.0050, 19.2245,
-6.1434

■ 180.5870, 36.6856,
-6.6538

■ 3.3230, 10.1938,
-2.9143

■ 205.6940, 24.3079,
-3.2396

■ 0.0000, 0.0000,
0.0000

■ 230.8010, 11.9301,

0.1745

254.4130, 0.2894,
0.5148

■ 46.5000, 48.5605,
-35.5185

■ 46.5000, 48.5605,
-35.5185

■ 42.3580, 50.6025,
-37.1480

■ 56.8550, 43.4555,
-31.4448

■ 66.9110, 38.4979,
-27.9859

■ 77.2660, 33.3929,
-23.9123

■ 87.3220, 28.4353,
-20.4534

■ 98.2640, 23.0408,
-16.8945

■ 108.3200, 18.0832,
-13.4356

■ 118.6750, 12.9782,
-9.3620

■ 128.7310, 8.0206,
-5.9031

■ 139.0860, 2.9156,
-1.8294

Harmonies

Analogous

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



56.9990, 48.3145, -49.9881



46.5000, 48.5605, -35.5185



44.4620, 33.2962, 53.9688

Triad

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



46.5000, 48.5605, -35.5185



49.6250, -24.4651, 53.8259



49.7250, 0.1356, -43.6088

Complementary

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



46.5000, 48.5605, -35.5185



104.5000, -48.5605, 35.5185

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.



42.8510, -21.1255, -37.5803



46.5000, 48.5605, -35.5185



54.7210, -26.9775, 19.5387

Square

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



46.5000, 48.5605, -35.5185



41.7480, -10.7218, 79.1510



47.7010, -23.5166, -17.2778



55.8980, 21.2493, -49.0225

Rectangle

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



46.5000, 48.5605, -35.5185



47.6200, 16.9493, 70.4933



47.7010, -23.5166, -17.2778



47.2000, -7.0006, -41.3944

Sweetspot

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



46.5000, 48.5605, -35.5185



150.2490, 19.1042, -14.2504



98.4230, 1.2705, -81.0550



70.6320, 11.5204, -8.4473



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



46.5000, 48.5605, -35.5185



55.0050, 66.0595, -48.2394



29.3210, 57.0297, 1.4725



65.9720, 2.4788, -1.7294



39.4570, 47.1027, -34.6038



2.0860, 2.9156, -1.8294

Inverse Universe

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



52.3490, -2.1441, 81.2549



63.0090, -2.9624, 110.4941



121.6790, -57.0297, -1.4725



66.3210, -0.1583, 4.1035



45.0390, -1.9912, 78.8958



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 46.5000, 48.5605, -35.5185 looks on a white 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

Black Background



This preview shows how the YUV color 46.5000, 48.5605, -35.5185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

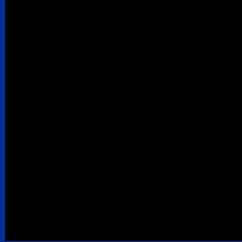
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.5000, 48.5605, -35.5185

Background



This preview shows how black text looks on a background with the YUV color 46.5000, 48.5605, -35.5185.



This preview shows how white text looks on a background with the YUV color 46.5000, 48.5605,

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

46.5000, 48.5605, -35.5185

Protanopia

46.4380, 35.7731, -40.7261

Deuteranopia

46.7340, 26.7531, -40.9857



Tritanopia

45.9070, 10.8918, -40.2604

Trichromacy



Original Color

46.5000, 48.5605, -35.5185

Protanomaly

46.3010, 40.2776, -38.8520

Deuteranomaly

46.8080, 34.6047, -39.2966

Tritanomaly

46.1750, 24.5637, -38.7415

Monochromacy



Original Color

46.5000, 48.5605, -35.5185

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.6190, 17.9358, -12.8209

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.5000, 48.5605, -35.5185 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(6, 48, 145)` looks like.

```
.text, #text, p{  
    color:rgb(6, 48, 145)  
}
```

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(6, 48, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 48, 145) }
```

Border

The CSS property to change the border of an element to YUV 46.5000, 48.5605, -35.5185 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(6, 48, 145) }
```


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

```
.border{ border-color:rgb(6, 48, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 48, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 48, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 48, 145);  
box-shadow:4px 4px 4px 4px rgb(6, 48, 145)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.5000, 48.5605, -35.5185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 48, 145) }
```

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

```
.background{ background-color: rgb(6, 48,  
145) }
```

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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