

Converting Colors

YUV(165.3460, -48.4846,
11.0976)

Have a look what the booklet for
YUV(165.3460, -48.4846, 11.0976)
contains.

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Color

**YUV(165.3460, -48.4846,
11.0976)**

Conversions

Conversions Part 1

Format	Color
Hex	B2B243
RGB	178, 178, 67
RGB Percent	70%, 70%, 26%
CMY	0.3020, 0.3020, 0.7373
CMYK	0.00, 0.00, 0.62, 0.30
HSL	60°, 45%, 48%
HSV	60°, 62%, 70%
XYZ	35.2936, 41.7110, 11.5010
YIQ	165.3460, 35.6310, -34.5210

Conversions

Conversions Part 2

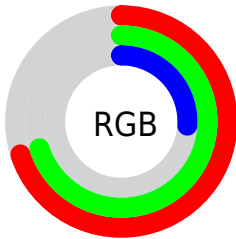
Format	Color
RYB	67, 178, 67
Decimal	11711043
CIELab	70.67, -14.20, 54.89
CIELCh	71, 56.699, 104.505
Yxy	41.7110, 0.3988, 0.4713
Android (android.graphics.Color)	4289901123 (0xFFB2B243)
YUV	165.3460, -48.4846, 11.0976
Hunter-Lab	64.5841, -15.4762, 34.6506

Details

The YUV color **165.3460, -48.4846, 11.0976** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **79.6540, 48.4846, -11.0976**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.6020, -50.0898, 12.6270**, and **110.8960, -52.6997, 9.7382** is the 20% darker color. If you saturate the color by 10%, you get **163.2940, -56.3469, 12.8972**, and if you desaturate by 10%, it is **167.3980, -40.6222, 9.2980**.

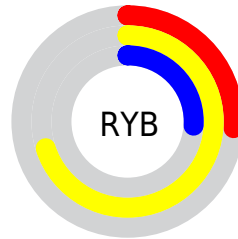
Distribution



Red (70%)

Green (70%)

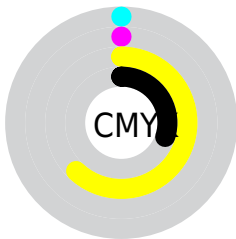
Blue (26%)



Red (26%)

Yellow (70%)

Blue (26%)

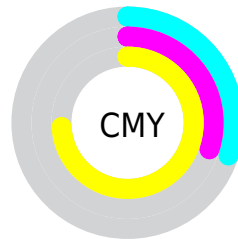


Cyan (0%)

Magenta (0%)

Yellow (62%)

Black (30%)



Cyan (30%)

Magenta (30%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.3460, -48.4846, 11.0976 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 165.3460, -48.4846, 11.0976 by changing the saturation by 10% instead.

■ 165.3460,
-48.4846, 11.0976

■ 165.3460,
-48.4846, 11.0976

■ 255.0000, 0.0000,
0.0000

■ 138.0470,
-48.3372, 10.4828

■ 221.6020,
-50.0898, 12.6270

■ 110.8960,
-52.6997, 9.7382

■ 242.6880,
-47.1742, 10.7976

■ 87.6920, -43.2322,
6.4091

■ 245.8800,
-34.9438, 7.9982

■ 66.1290, -32.6016,
3.3949

■ 249.0720,
-22.7135, 5.1989

■ 44.8540, -22.1130,
-0.7490

■ 252.3780,
-10.0464, 2.2995

■ 25.0520, -12.3506,
-5.3076

■ 2.9350, -1.4470,

-2.5740

■ 0.0000, 0.0000,
0.0000

■ 165.3460,
-48.4846, 11.0976

■ 165.3460,
-48.4846, 11.0976

■ 163.2940,
-56.3469, 12.8972

■ 167.3980,
-40.6222, 9.2980

■ 161.2420,
-64.2093, 14.6968

■ 169.4500,
-32.7598, 7.4984

■ 159.3040,
-71.6349, 16.3964

■ 171.3880,
-25.3343, 5.7987

■ 157.7080,
-77.7500, 17.7961

■ 173.4400,
-17.4719, 3.9991

■ 175.4920, -9.6096,
2.1995

■ 177.5440, -1.7472,
0.3999

■ 179.5960, 6.1152,
-1.3997

■ 181.5340, 13.5407,
-3.0993

■ 183.5860, 21.4031,
-4.8989

Harmonies

Analogous

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



169.5770, -48.5985, 47.7290



165.3460, -48.4846, 11.0976



158.3540, -30.7405, -33.6365

Triad

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



165.3460, -48.4846, 11.0976



142.2810, 50.1475, -124.7804



176.4580, 12.5922, 68.0043

Complementary

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



165.3460, -48.4846, 11.0976



79.6540, 48.4846, -11.0976

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.



178.1120, 33.9618, 27.0888



165.3460, -48.4846, 11.0976



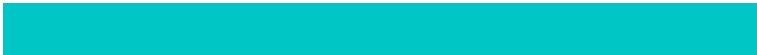
138.2520, 57.5568, -121.2470

Square

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



165.3460, -48.4846, 11.0976



139.2710, 28.4604, -122.1407



167.1320, 43.3189, -34.3188



168.4810, -9.1111, 75.8772

Rectangle

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



165.3460, -48.4846, 11.0976



147.9650, -10.8287, -73.6373



167.1320, 43.3189, -34.3188



177.0420, 20.1923, 56.9682

Sweetspot

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



165.3460, -48.4846, 11.0976



226.9840, -19.2191, 4.3990



100.1890, -16.3622, 68.2402



113.9220, -11.7935, 2.6994



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



165.3460, -48.4846, 11.0976



212.1640, -76.0029, 17.3962



148.6020, -40.2298, -23.3300



87.9740, -3.9312, 0.8998



135.5580, -66.8301, 15.2966



23.0360, -11.3567, 2.5994

Inverse Universe

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



79.6540, 48.4846, -11.0976



77.8360, 76.0029, -17.3962



96.0990, 40.3772, 22.7152



81.0260, 3.9312, -0.8998



17.4420, 66.8301, -15.2966



2.9640, 11.3567, -2.5994

Previews

White Background



This preview shows how the YUV color 165.3460, -48.4846, 11.0976 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 YUV color 165.3460, -48.4846, 11.0976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

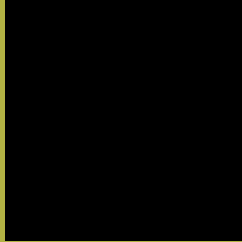
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.3460, -48.4846, 11.0976

Background



This preview shows how black text looks on a background with the YUV color 165.3460, -48.4846, 11.0976.



This preview shows how white text looks on a background with the YUV color 165.3460, -48.4846, 11.0976.

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

165.3460, -48.4846, 11.0976

Protanopia

166.7820, -49.6855, 22.9932

Deuteranopia

168.6470, -48.1400, 40.6516



Tritanopia

175.0600, 2.4354, 12.2254

Trichromacy



Original Color

165.3460, -48.4846, 11.0976

Protanomaly

166.4610, -49.5273, 18.8897

Deuteranomaly

167.5810, -48.1074, 30.1855

Tritanomaly

171.5380, -16.0412, 11.8062

Monochromacy



Original Color

165.3460, -48.4846, 11.0976

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.3260, -17.9087, 4.0991

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.3460, -48.4846, 11.0976 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, 178, 67)` looks like.

```
.text, #text, p{  
    color:rgb(178, 178, 67)  
}
```

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, 178, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 178, 67) }
```

Border

The CSS property to change the border of an element to YUV 165.3460, -48.4846, 11.0976 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, 178, 67) }
```


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

```
.border{ border-color:rgb(178, 178, 67) }
```

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

Here you see how a box with a 4 pixel rgb(178, 178, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 178, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 178, 67);  
box-shadow:4px 4px 4px 4px rgb(178, 178,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 165.3460, -48.4846, 11.0976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 178, 67) }
```

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

```
.background{ background-color: rgb(178,  
178, 67) }
```

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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