

Converting Colors

YUV(88.5030, -19.9680,
-35.5211)

Have a look what the booklet for
YUV(88.5030, -19.9680, -35.5211)
contains.

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Color

**YUV(88.5030, -19.9680,
-35.5211)**

Conversions

Conversions Part 1

Format	Color
Hex	307530
RGB	48, 117, 48
RGB Percent	19%, 46%, 19%
CMY	0.8118, 0.5412, 0.8118
CMYK	0.59, 0.00, 0.59, 0.54
HSL	120°, 42%, 32%
HSV	120°, 59%, 46%
XYZ	8.1137, 13.5644, 4.9869
YIQ	88.5030, -18.9750, -36.0870

Conversions

Conversions Part 2

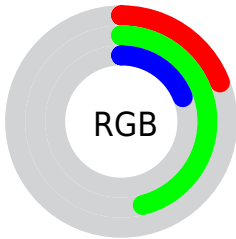
Format	Color
R_{YB}	48, 117, 117
Decimal	3175728
CIE _{Lab}	43.60, -36.75, 31.20
CIE _{LCh}	44, 48.209, 139.663
Yxy	13.5644, 0.3043, 0.5087
Android (android.graphics.Color)	4281365808 (0xFF307530)
YUV	88.5030, -19.9680, -35.5211
Hunter-Lab	36.8298, -25.1281, 17.7529

Details

The YUV color **88.5030, -19.9680, -35.5211** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **76.4970, 19.9680, 35.5211**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.9330, -22.1520, -35.0212**, and **39.9160, -19.6786, -35.0063** is the 20% darker color. If you saturate the color by 10%, you get **83.5470, -23.4407, -41.6987**, and if you desaturate by 10%, it is **93.4590, -16.4953, -29.3435**.

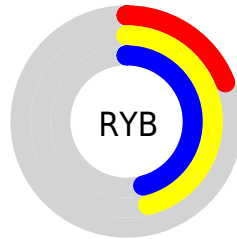
Distribution



Red (19%)

Green (46%)

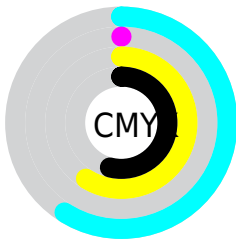
Blue (19%)



Red (19%)

Yellow (46%)

Blue (46%)

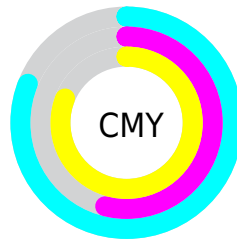


Cyan (59%)

Magenta (0%)

Yellow (59%)

Black (54%)



Cyan (81%)

Magenta (54%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.5030, -19.9680, -35.5211 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 88.5030, -19.9680, -35.5211 by changing the saturation by 10% instead.

■ 88.5030, -19.9680,
-35.5211

■ 88.5030, -19.9680,
-35.5211

255.0000, 0.0000,
0.0000

■ 61.9370, -18.2099,
-39.4097

■ 140.9330,
-22.1520, -35.0212

■ 39.9160, -19.6786,
-35.0063

■ 167.8190,
-22.5888, -34.9213

■ 26.4150, -13.0226,
-23.1660

■ 195.8790,
-23.6043, -35.8509

■ 12.3270, -6.0772,
-10.8108

■ 223.7650,
-24.0411, -35.7509

■ 0.0000, 0.0000,
0.0000

■ 236.2150,
-16.3750, -21.2366

■ 248.0780, -8.4195,

-6.2074

■ 88.5030, -19.9680,
-35.5211

■ 88.5030, -19.9680,
-35.5211

■ 83.5470, -23.4407,
-41.6987

■ 93.4590, -16.4953,
-29.3435

■ 79.0040, -26.6240,
-47.3615

■ 98.0020, -13.3120,
-23.6808

■ 74.0480, -30.0967,
-53.5391

■ 102.9580, -9.8393,
-17.5032

■ 69.0920, -33.5694,
-59.7167

■ 107.9140, -6.3666,
-11.3256

■ 68.6790, -33.8587,
-60.2315

■ 112.4570, -3.1833,
-5.6628

■ 117.4130, 0.2894,
0.5148

■ 122.3690, 3.7621,
6.6924

■ 127.3250, 7.2348,
12.8700

■ 131.8680, 10.4181,
18.5328

Harmonies

Analogous

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



95.1090, -39.0007, 2.5354



88.5030, -19.9680, -35.5211



80.9450, 2.9851, -70.9888

Triad

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



88.5030, -19.9680, -35.5211



86.4920, 47.0854, -75.8535



100.0730, -10.3890, 65.7110

Complementary

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



88.5030, -19.9680, -35.5211



76.4970, 19.9680, 35.5211

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.



102.5400, 8.1148, 57.4084



88.5030, -19.9680, -35.5211



100.6560, 38.6236, -21.6233

Square

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



88.5030, -19.9680, -35.5211



88.4350, 36.7605, -77.5575



106.4790, 23.9209, 27.6439



100.3000, -28.2489, 54.1109

Rectangle

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



88.5030, -19.9680, -35.5211



84.7240, 14.9261, -74.3029



106.4790, 23.9209, 27.6439



100.3810, -4.1318, 65.4409

Sweetspot

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



88.5030, -19.9680, -35.5211



141.4360, -8.1029, -14.4144



109.1340, -30.1391, 6.8985



69.9790, -4.9196, -8.7516



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



88.5030, -19.9680, -35.5211



107.9830, -31.5436, -56.1131



92.3790, -5.1168, -38.9204



56.5220, -1.7363, -3.0888



71.6140, -35.3057, -62.8055



146.7500, -72.3478, -128.6997

Inverse Universe

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



76.4970, 19.9680, 35.5211



89.0170, 31.5436, 56.1131



72.5070, 4.6800, 39.0204



55.4780, 1.7363, 3.0888



50.3860, 35.3057, 62.8055



103.2500, 72.3478, 128.6997

Previews

White Background



This preview shows how the YUV color 88.5030, -19.9680, -35.5211 looks on a white background.

Color Contrast Check

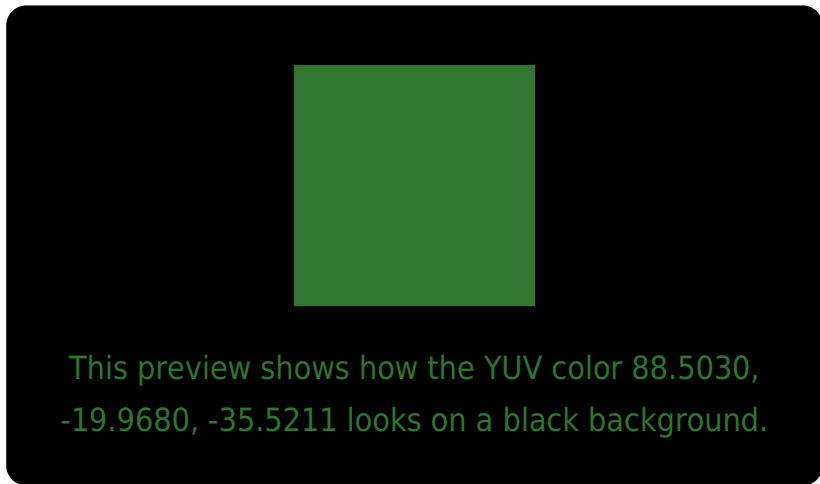
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 88.5030, -19.9680, -35.5211

Background



This preview shows how black text looks on a background with the YUV color 88.5030, -19.9680, -35.5211.



This preview shows how white text looks on a background with the YUV color 88.5030, -19.9680,

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

88.5030, -19.9680, -35.5211

Protanopia

99.5630, -27.3926, 12.6612

Deuteranopia

101.2420, -23.7833, 21.7128



Tritanopia

97.5710, 10.5645, -28.5648

Trichromacy



Original Color

88.5030, -19.9680, -35.5211

Protanomaly

95.4360, -24.8649, -4.7674

Deuteranomaly

96.7510, -22.5552, 1.0954

Tritanomaly

94.5740, -0.7760, -31.1984

Monochromacy



Original Color

88.5030, -19.9680, -35.5211

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.6750, -7.2348, -12.8700

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.5030, -19.9680, -35.5211 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(48, 117, 48)` looks like.

```
.text, #text, p{  
    color:rgb(48, 117, 48)  
}
```

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(48, 117, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 117, 48) }
```

Border

The CSS property to change the border of an element to YUV 88.5030, -19.9680, -35.5211 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(48, 117, 48) }
```


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

```
.border{ border-color:rgb(48, 117, 48) }
```

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

Here you see how a box with a 4 pixel rgb(48, 117, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 117, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 117, 48);  
box-shadow:4px 4px 4px 4px rgb(48, 117,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 88.5030, -19.9680, -35.5211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 117, 48) }
```

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

```
.background{ background-color: rgb(48, 117,  
48) }
```

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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