

Converting Colors

YUV(88.0170, -16.2774,
-52.6349)

Have a look what the booklet for
YUV(88.0170, -16.2774, -52.6349)
contains.

YUV(88.0170, -16.2774, -52.6349)	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(88.0170, -16.2774,
-52.6349)**

Conversions

Conversions Part 1

Format	Color
Hex	1C7D37
RGB	28, 125, 55
RGB Percent	11%, 49%, 22%
CMY	0.8902, 0.5098, 0.7843
CMYK	0.78, 0.00, 0.56, 0.51
HSL	137°, 63%, 30%
HSV	137°, 78%, 49%
XYZ	8.5021, 15.1899, 6.0983
YIQ	88.0170, -35.3420, -42.3340

Conversions

Conversions Part 2

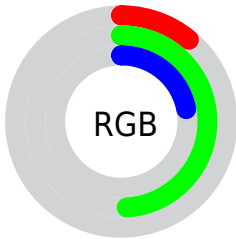
Format	Color
R_{YB}	28, 104, 125
Decimal	1867063
CIE _{Lab}	45.89, -43.17, 30.19
CIE _{LCh}	46, 52.678, 145.030
Yxy	15.1899, 0.2854, 0.5099
Android (android.graphics.Color)	4280057143 (0xFF1C7D37)
YUV	88.0170, -16.2774, -52.6349
Hunter-Lab	38.9743, -29.2659, 18.0049

Details

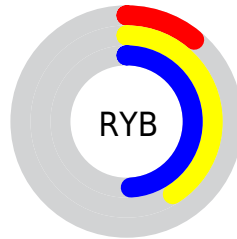
The YUV color **88.0170, -16.2774, -52.6349** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **64.9830, 16.2774, 52.6349**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.5400, -19.4932, -47.8316**, and **44.8230, -18.6467, -39.3098** is the 20% darker color. If you saturate the color by 10%, you get **83.1040, -18.2923, -59.7272**, and if you desaturate by 10%, it is **92.6310, -14.1151, -46.1574**.

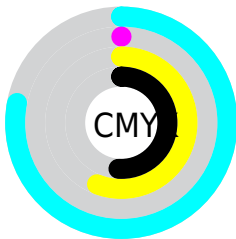
Distribution



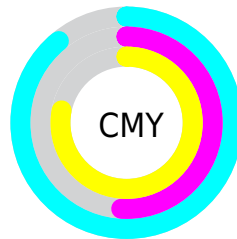
- Red (11%)
- Green (49%)
- Blue (22%)



- Red (11%)
- Yellow (41%)
- Blue (49%)



- Cyan (78%)
- Magenta (0%)
- Yellow (56%)
- Black (51%)



- Cyan (89%)
- Magenta (51%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.0170, -16.2774, -52.6349 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 88.0170, -16.2774, -52.6349 by changing the saturation by 10% instead.

■ 88.0170, -16.2774,
-52.6349

■ 88.0170, -16.2774,
-52.6349

255.0000, 0.0000,
0.0000

■ 61.7610, -14.6722,
-54.1644

■ 143.5400,
-19.4932, -47.8316

■ 44.8230, -18.6467,
-39.3098

■ 170.8990,
-20.6562, -48.1464

■ 29.9370, -14.7589,
-26.2547

■ 198.7850,
-21.0930, -48.0464

■ 17.0230, -8.3923,
-14.9292

■ 221.9750,
-19.2147, -43.8281

■ 0.0000, 0.0000,
0.0000

■ 233.8380,
-11.2591, -28.7989

■ 245.7010, -3.3036,

-13.7698

■ 88.0170, -16.2774,
-52.6349

■ 88.0170, -16.2774,
-52.6349

■ 83.1040, -18.2923,
-59.7272

■ 92.6310, -14.1151,
-46.1574

■ 78.4900, -20.4546,
-66.2047

■ 97.5440, -12.1002,
-39.0651

■ 77.3650, -20.8859,
-67.8491

■ 102.1580, -9.9379,
-32.5876

■ 107.0710, -7.9230,
-25.4953

■ 111.6850, -5.7607,
-19.0177

■ 116.5980, -3.7458,
-11.9254

■ 121.2120, -1.5835,
-5.4479

■ 126.1250, 0.4314,
1.6444

■ 130.7390, 2.5937,
8.1219

Harmonies

Analogous

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



98.4950, -41.1630, -3.9421



88.0170, -16.2774, -52.6349



87.1230, 6.3484, -76.4069

Triad

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



88.0170, -16.2774, -52.6349



90.5500, 52.4798, -79.4124



104.5530, -15.0626, 71.4290

Complementary

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



88.0170, -16.2774, -52.6349



64.9830, 16.2774, 52.6349

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.



106.3240, 5.7563, 67.2449



88.0170, -16.2774, -52.6349



108.3520, 39.7595, -12.5867

Square

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



88.0170, -16.2774, -52.6349



93.8950, 42.4498, -82.3459



111.5450, 23.8883, 38.1100



105.0030, -34.5115, 56.1254

Rectangle

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



88.0170, -16.2774, -52.6349



90.5430, 19.4523, -79.4062



111.5450, 23.8883, 38.1100



104.3990, -8.0847, 73.3181

Sweetspot

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



88.0170, -16.2774, -52.6349



148.8590, -6.3395, -20.0473



106.1680, -38.5368, -6.2863



73.1850, -4.0352, -12.4402



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



88.0170, -16.2774, -52.6349



105.1260, -25.2051, -82.5485



93.3750, 4.2521, -57.3339



61.3370, -1.1521, -3.8035



79.1260, -21.7541, -69.3935



0.0000, 0.0000, 0.0000

Inverse Universe

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



64.9830, 16.2774, 52.6349



68.9880, 25.6419, 82.4485



59.6250, -4.2521, 57.3339



59.6630, 1.1521, 3.8035



48.7600, 21.3173, 69.4935



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 88.0170, -16.2774, -52.6349 looks on a white background.

Color Contrast Check

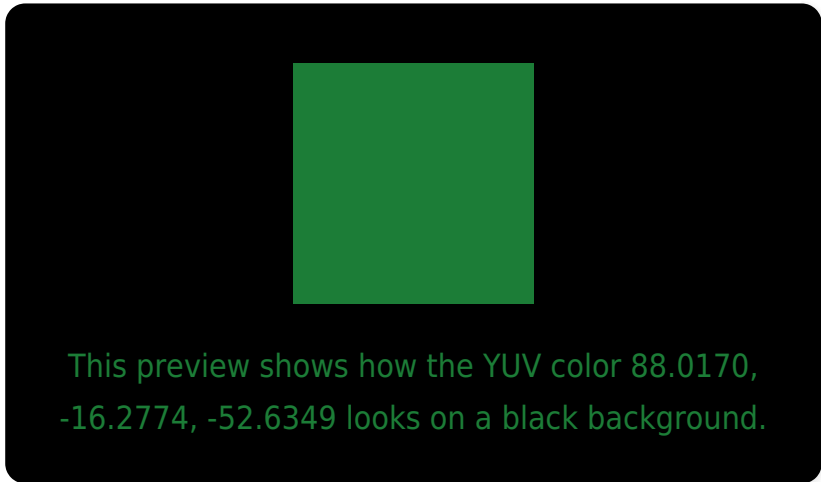
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.0170, -16.2774, -52.6349

Background



This preview shows how black text looks on a background with the YUV color 88.0170, -16.2774, -52.6349.



This preview shows how white text looks on a background with the YUV color 88.0170, -16.2774,

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

88.0170, -16.2774, -52.6349

Protanopia

104.9760, -27.1032, 13.1760

Deuteranopia

106.8830, -22.6203, 22.0276



Tritanopia

99.6020, 13.5072, -39.1160

Trichromacy



Original Color

88.0170, -16.2774, -52.6349

Protanomaly

98.8590, -23.1015, -10.4003

Deuteranomaly

99.9890, -20.2076, -5.2524

Tritanomaly

95.4090, 2.7564, -44.2087

Monochromacy



Original Color

88.0170, -16.2774, -52.6349

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.6850, -5.7607, -19.0177

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.0170, -16.2774, -52.6349 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(28, 125, 55)` looks like.

```
.text, #text, p{  
    color:rgb(28, 125, 55)  
}
```

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(28, 125, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 125, 55) }
```

Border

The CSS property to change the border of an element to YUV 88.0170, -16.2774, -52.6349 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(28, 125, 55) }
```


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

```
.border{ border-color:rgb(28, 125, 55) }
```

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

Here you see how a box with a 4 pixel rgb(28, 125, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 125, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 125, 55);  
box-shadow:4px 4px 4px 4px rgb(28, 125,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 88.0170, -16.2774, -52.6349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 125, 55) }
```

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

```
.background{ background-color: rgb(28, 125,  
55) }
```

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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