

Converting Colors

YUV(88.0270, -14.8033,
-58.7827)

Have a look what the booklet for
YUV(88.0270, -14.8033, -58.7827)
contains.

YUV(88.0270, -14.8033, -58.7827)	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(88.0270, -14.8033,
-58.7827)**

Conversions

Conversions Part 1

Format	Color
Hex	15803A
RGB	21, 128, 58
RGB Percent	8%, 50%, 23%
CMY	0.9176, 0.4980, 0.7725
CMYK	0.84, 0.00, 0.55, 0.50
HSL	141°, 72%, 29%
HSV	141°, 84%, 50%
XYZ	8.7922, 15.9033, 6.6092
YIQ	88.0270, -41.3020, -44.4540

Conversions

Conversions Part 2

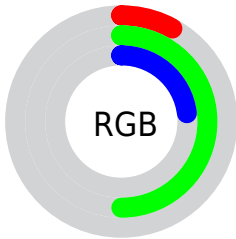
Format	Color
R_{YB}	21, 101, 128
Decimal	1409082
CIE _{Lab}	46.85, -44.76, 29.76
CIE _{LCh}	47, 53.753, 146.387
Yxy	15.9033, 0.2809, 0.5080
Android (android.graphics.Color)	4279599162 (0xFF15803A)
YUV	88.0270, -14.8033, -58.7827
Hunter-Lab	39.8789, -30.4339, 18.0889

Details

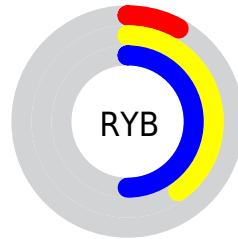
The YUV color **88.0270, -14.8033, -58.7827** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **60.9730, 14.8033, 58.7827**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.7460, -18.6088, -51.5202**, and **46.4530, -17.4783, -40.7393** is the 20% darker color. If you saturate the color by 10%, you get **83.2280, -16.3814, -65.9750**, and if you desaturate by 10%, it is **92.8260, -13.2252, -51.5904**.

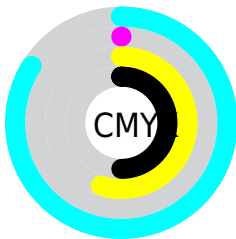
Distribution



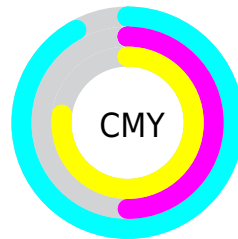
- Red (8%)
- Green (50%)
- Blue (23%)



- Red (8%)
- Yellow (40%)
- Blue (50%)



- Cyan (84%)
- Magenta (0%)
- Yellow (55%)
- Black (50%)



- Cyan (92%)
- Magenta (50%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.0270, -14.8033, -58.7827 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 88.0270, -14.8033, -58.7827 by changing the saturation by 10% instead.

■ 88.0270, -14.8033,
-58.7827

■ 88.0270, -14.8033,
-58.7827

255.0000, 0.0000,
0.0000

■ 63.8640, -14.2300,
-56.0087

■ 144.7460,
-18.6088, -51.5202

■ 46.4530, -17.4783,
-40.7393

■ 172.5180,
-19.4824, -51.3203

■ 31.1110, -15.3377,
-27.2843

■ 200.8770,
-20.6454, -51.6351

■ 18.7840, -9.2605,
-16.4736

■ 221.7190,
-17.6095, -45.3576

■ 0.0000, 0.0000,
0.0000

■ 233.5820, -9.6539,
-30.3284

■ 245.5590, -1.2616,

-15.3992

■ 88.0270, -14.8033,
-58.7827

■ 88.0270, -14.8033,
-58.7827

■ 83.2280, -16.3814,
-65.9750

■ 92.8260, -13.2252,
-51.5904

■ 80.1520, -17.8229,
-70.2933

■ 97.7390, -11.2103,
-44.4981

■ 102.2390, -9.4848,
-37.9206

■ 107.0380, -7.9067,
-30.7283

■ 111.9510, -5.8918,
-23.6360

■ 116.7500, -4.3137,
-16.4437

■ 121.6630, -2.2989,
-9.3515

■ 126.1630, -0.5734,
-2.7740

■ 130.9620, 1.0047,
4.4183

Harmonies

Analogous

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



100.3700, -41.5944, -5.5865



88.0270, -14.8033, -58.7827



89.3400, 7.2274, -78.3512

Triad

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



88.0270, -14.8033, -58.7827



92.1800, 53.6483, -80.8419



106.9230, -16.2310, 72.8585

Complementary

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



88.0270, -14.8033, -58.7827



60.9730, 14.8033, 58.7827

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.



108.4060, 4.7298, 69.8039



88.0270, -14.8033, -58.7827



111.0750, 39.8960, -9.7128

Square

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



88.0270, -14.8033, -58.7827



96.3400, 44.2024, -84.4902



113.8550, 23.7355, 40.4692



107.2480, -36.1113, 55.9105

Rectangle

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



88.0270, -14.8033, -58.7827



92.8740, 20.7681, -81.4505



113.8550, 23.7355, 40.4692



106.7690, -9.2531, 74.7476

Sweetspot

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



88.0270, -14.8033, -58.7827



150.3640, -5.6025, -23.1212



105.0380, -41.4307, -11.4343



74.7010, -3.3036, -13.7698



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



88.0270, -14.8033, -58.7827



103.9400, -23.1414, -91.1554



93.9550, 7.9102, -63.9815



61.4510, -0.7153, -3.9035



80.1520, -17.8229, -70.2933



0.0000, 0.0000, 0.0000

Inverse Universe

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



60.9730, 14.8033, 58.7827



61.9460, 22.7046, 91.2554



55.0450, -7.9102, 63.9815



59.6630, 1.1521, 3.8035



47.7340, 17.3861, 70.3933



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 88.0270, -14.8033, -58.7827 looks on a white background.

Color Contrast Check

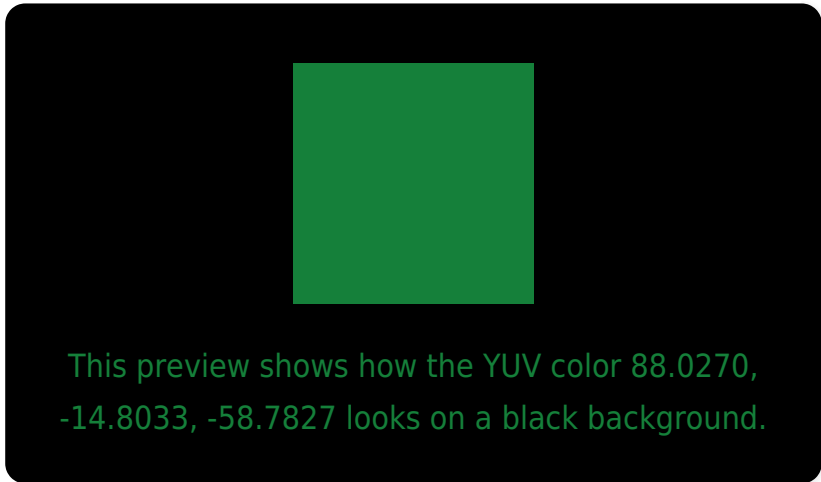
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.0270, -14.8033, -58.7827

Background



This preview shows how black text looks on a background with the YUV color 88.0270, -14.8033, -58.7827.



This preview shows how white text looks on a background with the YUV color 88.0270, -14.8033, -58.7827.

-58.7827.

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

88.0270, -14.8033, -58.7827

Protanopia

107.5630, -27.3926, 12.6612

Deuteranopia

108.9970, -22.1835, 21.9276



Tritanopia

101.1070, 14.2442, -42.1898

Trichromacy



Original Color

88.0270, -14.8033, -58.7827

Protanomaly

100.2500, -22.8012, -13.3742

Deuteranomaly

101.2060, -19.3286, -7.1967

Tritanomaly

96.3160, 3.7882, -48.5121

Monochromacy



Original Color

88.0270, -14.8033, -58.7827

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.3750, -5.6079, -21.3769

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.0270, -14.8033, -58.7827 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(21, 128, 58)` looks like.

```
.text, #text, p{  
    color:rgb(21, 128, 58)  
}
```

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(21, 128, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 128, 58) }
```

Border

The CSS property to change the border of an element to YUV 88.0270, -14.8033, -58.7827 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(21, 128, 58) }
```


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

```
.border{ border-color:rgb(21, 128, 58) }
```

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

Here you see how a box with a 4 pixel rgb(21, 128, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 128, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 128, 58);  
box-shadow:4px 4px 4px 4px rgb(21, 128,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 88.0270, -14.8033, -58.7827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 128, 58) }
```

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

```
.background{ background-color: rgb(21, 128,  
58) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor