

Converting Colors

YUV(118.7530, -16.1472,
-94.4994)

Have a look what the booklet for
YUV(118.7530, -16.1472, -94.4994)
contains.

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Color

**YUV(118.7530, -16.1472,
-94.4994)**

Conversions

Conversions Part 1

Format	Color
Hex	0BB456
RGB	11, 180, 86
RGB Percent	4%, 71%, 34%
CMY	0.9569, 0.2941, 0.6627
CMYK	0.94, 0.00, 0.52, 0.29
HSL	147°, 88%, 37%
HSV	147°, 94%, 71%
XYZ	18.1390, 33.3855, 14.2921
YIQ	118.7530, -70.5500, -65.0620

Conversions

Conversions Part 2

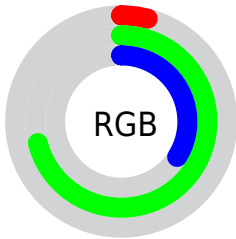
Format	Color
RYB	11, 128, 180
Decimal	767062
CIELab	64.47, -58.99, 37.10
CIELCh	64, 69.690, 147.833
Yxy	33.3855, 0.2756, 0.5073
Android (android.graphics.Color)	4278957142 (0xFF0BB456)
YUV	118.7530, -16.1472, -94.4994
Hunter-Lab	57.7802, -45.0788, 25.7806

Details

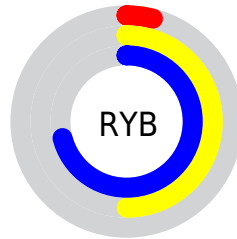
The YUV color **118.7530, -16.1472, -94.4994** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **72.2470, 16.1472, 94.4994**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.8540, -22.6060, -76.1710**, and **78.1800, -20.3017, -68.5639** is the 20% darker color. If you saturate the color by 10%, you get **114.7800, -17.1465, -100.6621**, and if you desaturate by 10%, it is **125.2750, -14.4326, -84.4332**.

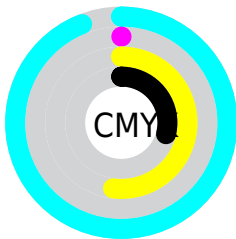
Distribution



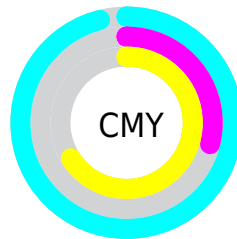
- Red (4%)
- Green (71%)
- Blue (34%)



- Red (4%)
- Yellow (50%)
- Blue (71%)



- Cyan (94%)
- Magenta (0%)
- Yellow (52%)
- Black (29%)



- Cyan (96%)
- Magenta (29%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.7530, -16.1472, -94.4994 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 118.7530, -16.1472, -94.4994 by changing the saturation by 10% instead.

■ 118.7530,
-16.1472, -94.4994

■ 118.7530,
-16.1472, -94.4994

■ 255.0000, 0.0000,
0.0000

■ 96.1780, -17.3428,
-84.3481

■ 183.8540,
-22.6060, -76.1710

■ 78.1800, -20.3017,
-68.5639

■ 206.6530,
-21.0279, -68.9787

■ 59.1390, -24.7185,
-51.8649

■ 218.8150,
-13.2198, -53.3348

■ 43.4380, -21.4149,
-38.0951

■ 231.2760, -5.5591,
-37.0761

■ 29.9370, -14.7589,
-26.2547

■ 243.5520, 2.6859,
-21.5321

■ 14.0880, -6.9454,
-12.3552

■ 253.2060, 0.8844,

■ 0.0000, 0.0000,

-3.6887

0.0000

■ 118.7530,
-16.1472, -94.4994

■ 118.7530,
-16.1472, -94.4994

■ 114.7800,
-17.1465, -100.6621

■ 125.2750,
-14.4326, -84.4332

■ 131.7970,
-12.7179, -74.3670

■ 138.3190,
-11.0033, -64.3008

■ 144.8410, -9.2886,
-54.2346

■ 151.3630, -7.5740,
-44.1684

■ 157.8850, -5.8593,
-34.1021

■ 164.4070, -4.1447,
-24.0359

■ 170.9290, -2.4300,
-13.9697

■ 177.4510, -0.7153,
-3.9035

Harmonies

Analogous

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



141.4390, -56.4184, -10.9090



118.7530, -16.1472, -94.4994



125.6950, 11.9824, -110.2345

Triad

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



118.7530, -16.1472, -94.4994



125.9250, 63.6340, -110.4362



147.1600, -22.2639, 94.5757

Complementary

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



118.7530, -16.1472, -94.4994



72.2470, 16.1472, 94.4994

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.



149.5320, 7.1327, 92.4954



118.7530, -16.1472, -94.4994



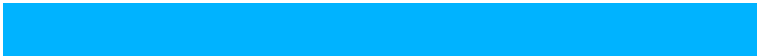
156.0780, 48.7685, -8.8384

Square

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



118.7530, -16.1472, -94.4994



134.1430, 59.5825, -117.6434



159.7400, 31.6802, 58.9870



150.7700, -51.1586, 75.6237

Rectangle

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



118.7530, -16.1472, -94.4994



130.5970, 30.7647, -114.5336



159.7400, 31.6802, 58.9870



145.9180, -11.7916, 95.6649

Sweetspot

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



118.7530, -16.1472, -94.4994



211.0480, -6.4327, -36.8761



138.9070, -63.0582, -27.9824



102.5320, -3.7133, -22.3916



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.



118.7530, -16.1472, -94.4994



149.8010, -22.5799, -131.3755



128.2150, 20.1070, -102.7976



85.7390, -0.8573, -5.0331



97.5630, -14.5746, -85.5628



16.5160, -2.7194, -14.4845

Inverse Universe

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



72.2470, 16.1472, 94.4994



85.0850, 22.1431, 131.4755



62.7850, -20.1070, 102.7976



83.2610, 0.8573, 5.0331



55.4370, 14.5746, 85.5628



9.3700, 2.2826, 14.5845

Previews

White Background



This preview shows how the YUV color 118.7530, -16.1472, -94.4994 looks on a white background.

Color Contrast Check

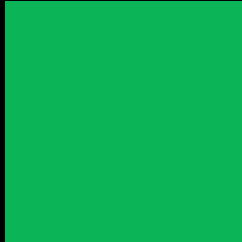
Large Text (above 18pt) WCAG AA × Fail

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 118.7530, -16.1472, -94.4994 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 118.7530, -16.1472, -94.4994 Background



This preview shows how black text looks on a background with the YUV color 118.7530, -16.1472, -94.4994.



This preview shows how white text looks on a background with the YUV color 118.7530, -16.1472, -94.4994.

-94.4994.

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

118.7530, -16.1472, -94.4994

Protanopia

151.0060, -35.9920, 17.5347

Deuteranopia

153.8040, -29.4834, 29.9899



Tritanopia

140.9950, 20.7085, -62.2626

Trichromacy



Original Color

118.7530, -16.1472, -94.4994



Protanomaly

139.2890, -28.7365, -23.0555



Deuteranomaly

141.3700, -24.8324, -15.2335



Tritanomaly

133.0740, 7.3585, -73.7329

Monochromacy



Original Color

118.7530, -16.1472, -94.4994



Achromatopsia

119.0000, 0.0000, 0.0000



Achromatomaly

118.8850, -5.8593, -34.1021

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.7530, -16.1472, -94.4994 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(11, 180, 86)` looks like.

```
.text, #text, p{  
    color:rgb(11, 180, 86)  
}
```

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(11, 180, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 180, 86) }
```

Border

The CSS property to change the border of an element to YUV 118.7530, -16.1472, -94.4994 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(11, 180, 86) }
```


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

```
.border{ border-color:rgb(11, 180, 86) }
```

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

Here you see how a box with a 4 pixel rgb(11, 180, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 180, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 180, 86);  
box-shadow:4px 4px 4px 4px rgb(11, 180,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 118.7530, -16.1472, -94.4994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 180, 86) }
```

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

```
.background{ background-color: rgb(11, 180,  
86) }
```

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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