

Converting Colors

YUV(119.0830, -13.3519,
-104.4358)

Have a look what the booklet for
YUV(119.0830, -13.3519, -104.4358)
contains.

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Color

**YUV(119.0830, -13.3519,
-104.4358)**

Conversions

Conversions Part 1

Format	Color
Hex	00B95C
RGB	0, 185, 92
RGB Percent	0%, 73%, 36%
CMY	1.0000, 0.2745, 0.6392
CMYK	1.00, 0.00, 0.50, 0.27
HSL	150°, 100%, 36%
HSV	150°, 100%, 73%
XYZ	19.2807, 35.4706, 15.9555
YIQ	119.0830, -80.4070, -68.1430

Conversions

Conversions Part 2

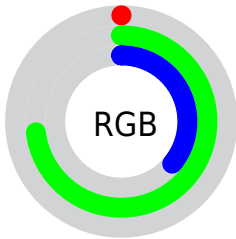
Format	Color
RYB	0, 124, 185
Decimal	47452
CIELab	66.11, -60.15, 36.13
CIELCh	66, 70.169, 149.007
Yxy	35.4706, 0.2727, 0.5017
Android (android.graphics.Color)	4278237532 (0xFF00B95C)
YUV	119.0830, -13.3519, -104.4358
Hunter-Lab	59.5572, -46.4385, 25.8061

Details

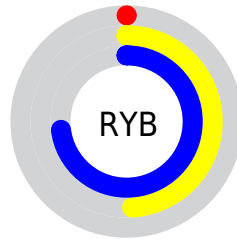
The YUV color **119.0830, -13.3519, -104.4358** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **65.9170, 13.3519, 104.4358**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.1740, -21.2848, -79.9596**, and **81.2120, -18.8385, -71.2229** is the 20% darker color. If you saturate the color by 10%, you get **119.0830, -13.3519, -104.4358**, and if you desaturate by 10%, it is **125.4910, -12.0741, -94.2696**.

Distribution



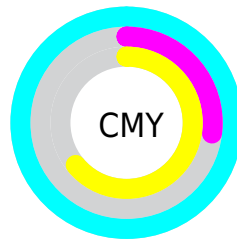
- Red (0%)
- Green (73%)
- Blue (36%)



- Red (0%)
- Yellow (49%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (27%)




- Cyan (100%)
- Magenta (27%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.0830, -13.3519, -104.4358 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 119.0830, -13.3519, -104.4358 by changing the saturation by 10% instead.


 119.0830,
-13.3519, -104.4358


 119.0830,
-13.3519, -104.4358


255.0000, 0.0000,
0.0000


 99.7970, -16.1689,
-87.5220


 187.1740,
-21.2848, -79.9596

 81.2120, -18.8385,
-71.2229


 207.4510,
-17.9703, -69.6785


 62.9860, -22.6711,
-55.2387


 219.6130,
-10.1622, -54.0346

 45.7860, -22.5725,
-40.1543

 232.0740, -2.5015,
-37.7759

 32.2850, -15.9165,
-28.3139

 244.2360, 5.3067,
-22.1320

 17.6100, -8.6817,
-15.4440

 253.5050, 0.7370,

 0.0000, 0.0000,

-3.0739

0.0000

■ 119.0830,
-13.3519, -104.4358

■ 125.4910,
-12.0741, -94.2696

■ 132.3120,
-10.5068, -83.5886

■ 139.0190, -9.3764,
-72.8077

■ 145.4270, -8.0985,
-62.6415

■ 152.2480, -6.5313,
-51.9605

■ 158.6560, -5.2534,
-41.7943

■ 165.3630, -4.1230,
-31.0134

■ 171.7710, -2.8451,
-20.8472

■ 178.5920, -1.2779,
-10.1662

Harmonies

Analogous

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



145.7700, -55.1026, -12.9533



119.0830, -13.3519, -104.4358



129.4280, 13.5930, -113.5084

Triad

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



119.0830, -13.3519, -104.4358



128.2730, 62.4764, -112.4954



150.2090, -23.2740, 91.9017

Complementary

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



119.0830, -13.3519, -104.4358



65.9170, 13.3519, 104.4358

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.



151.9940, 6.4120, 90.3363



119.0830, -13.3519, -104.4358



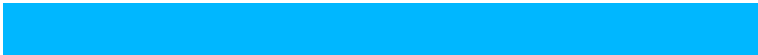
160.5300, 46.5737, -4.8498

Square

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



119.0830, -13.3519, -104.4358



136.4910, 58.4249, -119.7026



163.9360, 31.0906, 61.4461



155.1290, -52.3216, 75.3089

Rectangle

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



119.0830, -13.3519, -104.4358



134.3300, 32.3753, -117.8074



163.9360, 31.0906, 61.4461



149.0810, -12.3649, 92.8910

Sweetspot

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



119.0830, -13.3519, -104.4358



214.3680, -5.1114, -40.6647



137.2990, -67.6884, -36.2192



104.6350, -3.2711, -24.2359



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



119.0830, -13.3519, -104.4358



154.4460, -17.4749, -135.4491



129.3430, 25.9599, -113.4338



88.7390, -0.8573, -5.0331



100.3500, -11.5115, -88.0069



18.0320, -1.9878, -15.8141

Inverse Universe

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



65.9170, 13.3519, 104.4358



85.4400, 17.0381, 135.5491



55.6570, -25.9599, 113.4338



86.1470, 0.4205, 5.1331



55.5360, 11.0748, 88.1069



9.9680, 1.9878, 15.8141

Previews

White Background



This preview shows how the YUV color 119.0830, -13.3519, -104.4358 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 119.0830, -13.3519, -104.4358 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 119.0830, -13.3519, -104.4358 Background



This preview shows how black text looks on a background with the YUV color 119.0830, -13.3519, -104.4358.



This preview shows how white text looks on a background with the YUV color 119.0830, -13.3519, -104.4358.

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



Protanopia

156.0060, -35.9920, 17.5347

Deuteranopia

158.3310, -28.7572, 30.4047

Tritanopia

144.9130, 21.7349, -64.8217

Trichromacy



Protanomaly

142.4950, -27.8520, -26.7441

Deuteranomaly

144.1030, -23.2218, -18.5073

Tritanomaly

135.4970, 9.1220, -79.3659

Monochromacy



Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.0910, -4.9749, -37.7908

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.0830, -13.3519, -104.4358 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(0, 185, 92)` looks like.

```
.text, #text, p{  
    color:rgb(0, 185, 92)  
}
```

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(0, 185, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 185, 92) }
```

Border

The CSS property to change the border of an element to YUV 119.0830, -13.3519, -104.4358 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(0, 185, 92) }
```

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

```
.border{ border-color:rgb(0, 185, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 185, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 185, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 185, 92);  
box-shadow:4px 4px 4px 4px rgb(0, 185, 92)  
}
```


Background

The CSS property to change the background color of an element to YUV 119.0830, -13.3519, -104.4358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 185, 92) }
```

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

```
.background{ background-color: rgb(0, 185,  
92) }
```

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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