

Converting Colors

YUV(117.5330, -9.1368,
-103.0764)

Have a look what the booklet for
YUV(117.5330, -9.1368, -103.0764)
contains.

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Color

**YUV(117.5330, -9.1368,
-103.0764)**

Conversions

Conversions Part 1

Format	Color
Hex	00B563
RGB	0, 181, 99
RGB Percent	0%, 71%, 39%
CMY	1.0000, 0.2902, 0.6118
CMYK	1.00, 0.00, 0.45, 0.29
HSL	153°, 100%, 35%
HSV	153°, 100%, 71%
XYZ	18.7760, 33.9486, 17.3675
YIQ	117.5330, -81.5540, -63.8740

Conversions

Conversions Part 2

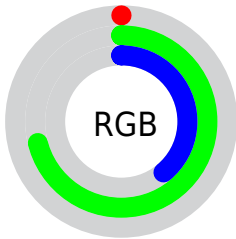
Format	Color
RYB	0, 117, 181
Decimal	46435
CIELab	64.92, -57.60, 31.06
CIELCh	65, 65.439, 151.669
Yxy	33.9486, 0.2679, 0.4843
Android (android.graphics.Color)	4278236515 (0xFF00B563)
YUV	117.5330, -9.1368, -103.0764
Hunter-Lab	58.2654, -44.4430, 23.1129

Details

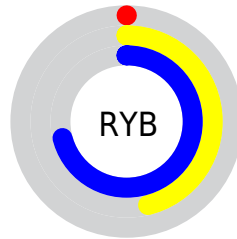
The YUV color **117.5330, -9.1368, -103.0764** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **63.4670, 9.1368, 103.0764**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.3250, -16.9222, -79.2150**, and **80.2490, -14.9128, -70.3784** is the 20% darker color. If you saturate the color by 10%, you get **117.5330, -9.1368, -103.0764**, and if you desaturate by 10%, it is **123.8270, -8.2957, -92.8103**.

Distribution



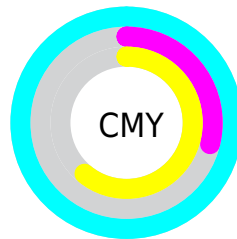
- Red (0%)
- Green (71%)
- Blue (39%)



- Red (0%)
- Yellow (46%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.5330, -9.1368, -103.0764 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 117.5330, -9.1368, -103.0764 by changing the saturation by 10% instead.

■ 117.5330, -9.1368,
-103.0764

■ 117.5330, -9.1368,
-103.0764

■ 255.0000, 0.0000,
0.0000

■ 98.2470, -11.9538,
-86.1626

■ 185.3250,
-16.9222, -79.2150

■ 80.2490, -14.9128,
-70.3784

■ 207.6510,
-14.6179, -71.6079

■ 61.7780, -17.1456,
-54.1793

■ 220.1120, -6.9572,
-55.3492

■ 44.2530, -20.8307,
-38.8099

■ 232.2740, 0.8509,
-39.7053

■ 30.5240, -15.0483,
-26.7695

■ 243.6380, 5.6015,
-23.3615

■ 15.2620, -7.5242,
-13.3848

■ 252.6080, 1.1793,

■ 0.0000, 0.0000,

-4.9182

0.0000

■ 117.5330, -9.1368,
-103.0764

■ 123.8270, -8.2957,
-92.8103

■ 130.1210, -7.4547,
-82.5441

■ 136.5290, -6.1768,
-72.3779

■ 142.8230, -5.3357,
-62.1118

■ 149.4160, -4.6421,
-51.2308

■ 155.7100, -3.8010,
-40.9647

■ 162.0040, -2.9600,
-30.6985

■ 168.4120, -1.6821,
-20.5323

■ 174.7060, -0.8411,
-10.2662

Harmonies

Analogous

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



143.6970, -47.6716, -16.3973



117.5330, -9.1368, -103.0764



126.7210, 15.9135, -111.1343

Triad

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



117.5330, -9.1368, -103.0764



124.7510, 64.2128, -109.4066



152.1010, -26.1788, 90.2424

Complementary

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



117.5330, -9.1368, -103.0764



63.4670, 9.1368, 103.0764

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.



152.8430, 2.0494, 89.5917



117.5330, -9.1368, -103.0764



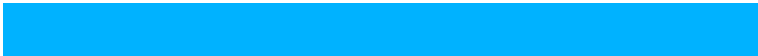
160.2750, 46.6994, 1.5128

Square

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



117.5330, -9.1368, -103.0764



133.5560, 59.8719, -117.1286



160.9700, 26.1438, 61.4163



152.6550, -50.1159, 67.8316

Rectangle

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



117.5330, -9.1368, -103.0764



131.2810, 33.3855, -115.1334



160.9700, 26.1438, 61.4163



150.7450, -16.1433, 91.4316

Sweetspot

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



117.5330, -9.1368, -103.0764



210.1230, -3.5116, -40.4499



131.3630, -64.7620, -41.5374



102.2760, -2.1081, -23.9211



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.



117.5330, -9.1368, -103.0764



152.5370, -12.0967, -133.7749



123.3590, 28.4170, -108.1858



85.8530, -0.4205, -5.1331



99.3870, -7.5858, -87.1624



16.8580, -1.4090, -14.7845

Inverse Universe

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



63.4670, 9.1368, 103.0764



82.3490, 11.6599, 133.8749



57.6410, -28.4170, 108.1858



83.1470, 0.4205, 5.1331



53.6130, 7.5858, 87.1624



9.1420, 1.4090, 14.7845

Previews

White Background



This preview shows how the YUV color 117.5330, -9.1368, -103.0764 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 117.5330, -9.1368, -103.0764 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 117.5330, -9.1368, -103.0764 Background



This preview shows how black text looks on a background with the YUV color 117.5330, -9.1368, -103.0764.



This preview shows how white text looks on a background with the YUV color 117.5330, -9.1368, -103.0764.

-103.0764.

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

117.5330, -9.1368, -103.0764

Protanopia

153.2600, -31.1872, 16.4350

Deuteranopia

156.1610, -24.2364, 27.0458



Tritanopia

141.7990, 21.2981, -64.7217

Trichromacy



Original Color

117.5330, -9.1368, -103.0764



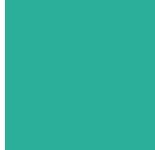
Protanomaly

140.0480, -23.1947, -27.2291



Deuteranomaly

141.9440, -18.7064, -20.1219



Tritanomaly

133.1380, 10.2850, -79.0510

Monochromacy



Original Color

117.5330, -9.1368, -103.0764



Achromatopsia

118.0000, 0.0000, 0.0000



Achromatomaly

117.8460, -3.3751, -37.5759

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.5330, -9.1368, -103.0764 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, 181, 99)` looks like.

```
.text, #text, p{  
    color:rgb(0, 181, 99)  
}
```

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, 181, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 181, 99) }
```

Border

The CSS property to change the border of an element to YUV 117.5330, -9.1368, -103.0764 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, 181, 99) }
```


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

```
.border{ border-color:rgb(0, 181, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 181, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 181, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 181, 99);  
box-shadow:4px 4px 4px 4px rgb(0, 181, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 117.5330, -9.1368, -103.0764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 181, 99) }
```

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

```
.background{ background-color: rgb(0, 181,  
99) }
```

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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