

Converting Colors

YUV(117.7440, -5.7898,
-103.2615)

Have a look what the booklet for
YUV(117.7440, -5.7898, -103.2615)
contains.

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Color

**YUV(117.7440, -5.7898,
-103.2615)**

Conversions

Conversions Part 1

Format	Color
Hex	00B46A
RGB	0, 180, 106
RGB Percent	0%, 71%, 42%
CMY	1.0000, 0.2941, 0.5843
CMYK	1.00, 0.00, 0.41, 0.29
HSL	155°, 100%, 35%
HSV	155°, 100%, 71%
XYZ	18.9228, 33.6831, 19.1398
YIQ	117.7440, -83.5260, -61.1740

Conversions

Conversions Part 2

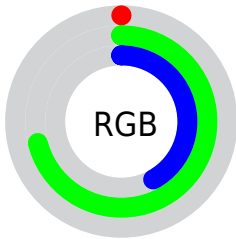
Format	Color
RYB	0, 113, 180
Decimal	46186
CIELab	64.71, -55.93, 27.12
CIELCh	65, 62.160, 154.132
Yxy	33.6831, 0.2637, 0.4695
Android (android.graphics.Color)	4278236266 (0xFF00B46A)
YUV	117.7440, -5.7898, -103.2615
Hunter-Lab	58.0372, -43.3659, 21.0730

Details

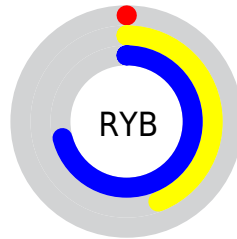
The YUV color **117.7440, -5.7898, -103.2615** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **62.2560, 5.7898, 103.2615**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.2370, -13.4278, -80.0148**, and **80.4600, -11.5658, -70.5634** is the 20% darker color. If you saturate the color by 10%, you get **117.7440, -5.7898, -103.2615**, and if you desaturate by 10%, it is **123.9240, -5.3855, -92.8953**.

Distribution



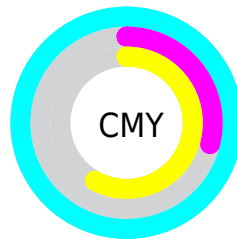
- Red (0%)
- Green (71%)
- Blue (42%)



- Red (0%)
- Yellow (44%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.7440, -5.7898, -103.2615 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 117.7440, -5.7898, -103.2615 by changing the saturation by 10% instead.

■ 117.7440, -5.7898,
-103.2615

■ 117.7440, -5.7898,
-103.2615

■ 255.0000, 0.0000,
0.0000

■ 98.4580, -8.6068,
-86.3477

■ 185.2370,
-13.4278, -80.0148

■ 80.4600, -11.5658,
-70.5634

■ 208.4490,
-11.5604, -72.3078

■ 62.5760, -14.0880,
-54.8792

■ 220.6110, -3.7522,
-56.6638

■ 44.6920, -16.6102,
-39.1949

■ 232.8870, 4.4927,
-41.1199

■ 29.9370, -14.7589,
-26.2547

■ 243.3390, 5.7489,
-23.9763

■ 14.6750, -7.2348,
-12.8700

■ 252.6080, 1.1793,

■ 0.0000, 0.0000,

-4.9182

0.0000

■ 117.7440, -5.7898,
-103.2615

■ 123.9240, -5.3855,
-92.8953

■ 130.2180, -4.5445,
-82.6292

■ 136.3980, -4.1402,
-72.2630

■ 142.6920, -3.2992,
-61.9969

■ 148.8720, -2.8949,
-51.6307

■ 155.0520, -2.4906,
-41.2646

■ 161.3460, -1.6496,
-30.9984

■ 167.5260, -1.2453,
-20.6323

■ 173.8200, -0.4043,
-10.3661

Harmonies

Analogous

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



143.0540, -42.4246, -19.3414



117.7440, -5.7898, -103.2615



126.0030, 18.2395, -110.5046

Triad

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



117.7440, -5.7898, -103.2615



130.1550, 61.5486, -94.8519



153.4380, -27.3309, 86.4389

Complementary

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



117.7440, -5.7898, -103.2615



62.2560, 5.7898, 103.2615

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.



154.6210, -1.2922, 88.0324



117.7440, -5.7898, -103.2615



160.2110, 43.7730, 6.8310

Square

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



117.7440, -5.7898, -103.2615



131.7950, 60.7401, -115.5842



159.7590, 22.7968, 61.6014



152.9640, -48.7893, 62.2986

Rectangle

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



117.7440, -5.7898, -103.2615



130.3350, 34.8378, -114.3038



159.7590, 22.7968, 61.6014



153.3380, -18.9006, 89.1576

Sweetspot

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



117.7440, -5.7898, -103.2615



210.4650, -2.2012, -40.7498



128.0850, -63.1459, -46.5555



102.5040, -1.2345, -24.1210



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.



117.7440, -5.7898, -103.2615



153.6770, -7.7288, -134.7747



117.3750, 30.8741, -102.9379



85.9670, 0.0163, -5.2331



100.0710, -4.9650, -87.7623



16.9720, -0.9722, -14.8844

Inverse Universe

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



62.2560, 5.7898, 103.2615



81.2090, 7.2920, 134.8747



62.6250, -30.8741, 102.9379



83.1470, 0.4205, 5.1331



52.9290, 4.9650, 87.7623



8.9140, 0.5354, 14.9844

Previews

White Background



This preview shows how the YUV color 117.7440, -5.7898, -103.2615 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 117.7440, -5.7898, -103.2615 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 117.7440, -5.7898, -103.2615 Background



This preview shows how black text looks on a background with the YUV color 117.7440, -5.7898, -103.2615.



This preview shows how white text looks on a background with the YUV color 117.7440, -5.7898, -103.2615.

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

153.3460, -28.2716, 14.6056

Deuteranopia

155.6600, -21.0314, 25.7312

Tritanopia

141.2010, 21.5929, -65.9513

Trichromacy



Protanomaly

140.5470, -19.9897, -28.5437

Deuteranomaly

141.7420, -15.6488, -20.8217

Tritanomaly

132.4800, 11.5954, -79.3510

Monochromacy



Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.1880, -2.0647, -37.8759

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.7440, -5.7898, -103.2615 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, 180, 106)` looks like.

```
.text, #text, p{  
    color:rgb(0, 180, 106)  
}
```

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, 180, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 180, 106) }
```

Border

The CSS property to change the border of an element to YUV 117.7440, -5.7898, -103.2615 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, 180, 106) }
```

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

```
.border{ border-color:rgb(0, 180, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 180, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 180, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 180, 106);  
box-shadow:4px 4px 4px 4px rgb(0, 180,  
106) }
```


Background

The CSS property to change the background color of an element to YUV 117.7440, -5.7898, -103.2615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 180, 106) }
```

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

```
.background{ background-color: rgb(0, 180,  
106) }
```

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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