

Converting Colors

YUV(120.5020, -15.5305,
-105.6803)

Have a look what the booklet for
YUV(120.5020, -15.5305, -105.6803)
contains.

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Color

**YUV(120.5020, -15.5305,
-105.6803)**

Conversions

Conversions Part 1

Format	Color
Hex	00BC59
RGB	0, 188, 89
RGB Percent	0%, 74%, 35%
CMY	1.0000, 0.2627, 0.6510
CMYK	1.00, 0.00, 0.53, 0.26
HSL	148°, 100%, 37%
HSV	148°, 100%, 74%
XYZ	19.7864, 36.6877, 15.4898
YIQ	120.5020, -80.2690, -70.6450

Conversions

Conversions Part 2

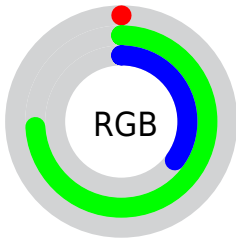
Format	Color
RYB	0, 128, 188
Decimal	48217
CIELab	67.04, -61.61, 38.77
CIELCh	67, 72.791, 147.817
Yxy	36.6877, 0.2749, 0.5098
Android (android.graphics.Color)	4278238297 (0xFF00BC59)
YUV	120.5020, -15.5305, -105.6803
Hunter-Lab	60.5704, -47.6880, 27.2369

Details

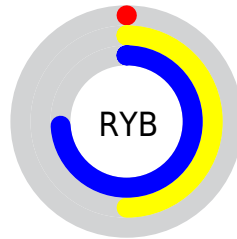
The YUV color **120.5020, -15.5305, -105.6803** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **67.4980, 15.5305, 105.6803**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.4790, -23.9001, -81.1041**, and **82.5170, -21.4539, -72.3674** is the 20% darker color. If you saturate the color by 10%, you get **120.5020, -15.5305, -105.6803**, and if you desaturate by 10%, it is **127.3230, -13.9632, -94.9993**.

Distribution



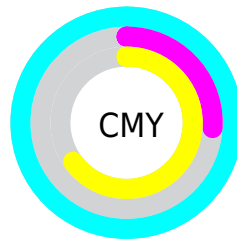
- Red (0%)
- Green (74%)
- Blue (35%)



- Red (0%)
- Yellow (50%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.5020, -15.5305, -105.6803 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 120.5020, -15.5305, -105.6803 by changing the saturation by 10% instead.

■ 120.5020,
-15.5305, -105.6803

■ 120.5020,
-15.5305, -105.6803

■ 255.0000, 0.0000,
0.0000

■ 101.2160,
-18.3475, -88.7664

■ 189.4790,
-23.9001, -81.1041

■ 82.5170, -21.4539,
-72.3674

■ 207.4080,
-19.4281, -68.7638

■ 64.0630, -26.1601,
-56.1833

■ 219.8690,
-11.7674, -52.5051

■ 47.5470, -23.4407,
-41.6987

■ 232.0310, -3.9593,
-36.8612

■ 33.4590, -16.4953,
-29.3435

■ 244.6060, 4.1382,
-20.7025

■ 18.7840, -9.2605,
-16.4736

■ 253.8040, 0.5896,

■ 0.0000, 0.0000,

-2.4591

0.0000

■ 120.5020,
-15.5305, -105.6803

■ 127.3230,
-13.9632, -94.9993

■ 134.1440,
-12.3960, -84.3183

■ 140.6660,
-10.6813, -74.2521

■ 147.4870, -9.1141,
-63.5711

■ 154.3080, -7.5468,
-52.8901

■ 161.0150, -6.4164,
-42.1092

■ 167.8360, -4.8491,
-31.4282

■ 174.3580, -3.1345,
-21.3620

■ 181.1790, -1.5672,
-10.6810

Harmonies

Analogous

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



147.1140, -60.2022, -10.6240



120.5020, -15.5305, -105.6803



131.0750, 12.2880, -114.9528

Triad

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



120.5020, -15.5305, -105.6803



130.0340, 61.6082, -114.0398



149.9640, -21.6743, 92.1166

Complementary

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



120.5020, -15.5305, -105.6803



67.4980, 15.5305, 105.6803

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.



152.0910, 9.3221, 90.2512



120.5020, -15.5305, -105.6803



161.3940, 46.1478, -8.2385

Square

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



120.5020, -15.5305, -105.6803



138.8390, 57.2674, -121.7618



166.2180, 33.4165, 62.0758



157.1080, -53.7902, 79.7123

Rectangle

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



120.5020, -15.5305, -105.6803



136.7920, 31.6545, -119.9666



166.2180, 33.4165, 62.0758



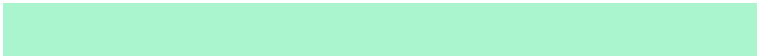
148.8360, -10.7651, 93.1058

Sweetspot

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



120.5020, -15.5305, -105.6803



218.4280, -6.1270, -41.5944



140.2560, -69.1462, -35.3045



106.2220, -3.5604, -24.7507



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



120.5020, -15.5305, -105.6803



157.0390, -20.2322, -137.7232



131.1040, 25.0917, -114.9782



90.7390, -0.8573, -5.0331



101.2960, -12.9639, -88.8366



19.7930, -2.8559, -17.3585

Inverse Universe

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



67.4980, 15.5305, 105.6803



87.9610, 20.2322, 137.7232



56.8960, -25.0917, 114.9782



88.2610, 0.8573, 5.0331



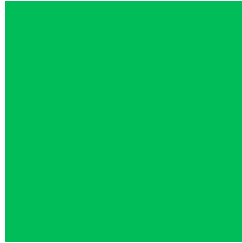
56.7040, 12.9639, 88.8366



11.0930, 2.4192, 17.4584

Previews

White Background



This preview shows how the YUV color 120.5020, -15.5305, -105.6803 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 120.5020, -15.5305, -105.6803 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 120.5020, -15.5305, -105.6803 Background



This preview shows how black text looks on a background with the YUV color 120.5020, -15.5305, -105.6803.



This preview shows how white text looks on a background with the YUV color 120.5020, -15.5305, -105.6803.

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

157.7350, -38.3234, 18.6494

Deuteranopia

160.7610, -30.9412, 30.9046

Tritanopia

147.5000, 21.4455, -65.3365

Trichromacy



Protanomaly

143.9250, -30.0360, -26.2442

Deuteranomaly

146.2340, -25.2584, -18.6222

Tritanomaly

137.5570, 8.1064, -80.2955

Monochromacy



Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.5640, -5.7011, -38.2056

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.5020, -15.5305, -105.6803 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, 188, 89)` looks like.

```
.text, #text, p{  
    color:rgb(0, 188, 89)  
}
```

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, 188, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 188, 89) }
```

Border

The CSS property to change the border of an element to YUV 120.5020, -15.5305, -105.6803 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, 188, 89) }
```

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

```
.border{ border-color:rgb(0, 188, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 188, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 188, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 188, 89);  
box-shadow:4px 4px 4px 4px rgb(0, 188, 89)  
}
```


Background

The CSS property to change the background color of an element to YUV 120.5020, -15.5305, -105.6803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 188, 89) }
```

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

```
.background{ background-color: rgb(0, 188,  
89) }
```

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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