

Converting Colors

YUV(116.0560, -32.5656,
-101.7811)

Have a look what the booklet for
YUV(116.0560, -32.5656, -101.7811)
contains.

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Color

**YUV(116.0560, -32.5656,
-101.7811)**

Conversions

Conversions Part 1

Format	Color
Hex	00BC32
RGB	0, 188, 50
RGB Percent	0%, 74%, 20%
CMY	1.0000, 0.2627, 0.8039
CMYK	1.00, 0.00, 0.73, 0.26
HSL	136°, 100%, 37%
HSV	136°, 100%, 74%
XYZ	18.5589, 36.1967, 9.0261
YIQ	116.0560, -67.7500, -82.7740

Conversions

Conversions Part 2

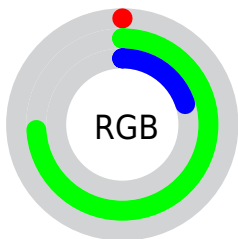
Format	Color
RYB	0, 149, 188
Decimal	48178
CIELab	66.67, -66.26, 55.33
CIELCh	67, 86.325, 140.138
Yxy	36.1967, 0.2910, 0.5675
Android (android.graphics.Color)	4278238258 (0xFF00BC32)
YUV	116.0560, -32.5656, -101.7811
Hunter-Lab	60.1637, -50.2239, 33.2196

Details

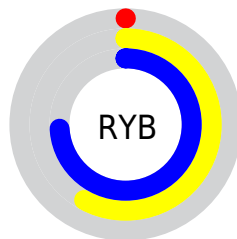
The YUV color **116.0560, -32.5656, -101.7811** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **71.9440, 32.5656, 101.7811**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.9730, -39.9197, -76.2753**, and **78.0710, -38.4890, -68.4683** is the 20% darker color. If you saturate the color by 10%, you get **116.0560, -32.5656, -101.7811**, and if you desaturate by 10%, it is **123.3330, -29.2512, -91.5000**.

Distribution



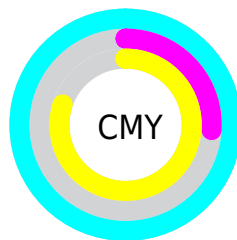
- Red (0%)
- Green (74%)
- Blue (20%)



- Red (0%)
- Yellow (58%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.0560, -32.5656, -101.7811 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 116.0560, -32.5656, -101.7811 by changing the saturation by 10% instead.

■ 116.0560,
-32.5656, -101.7811

■ 116.0560,
-32.5656, -101.7811

■ 255.0000, 0.0000,
0.0000

■ 95.8580, -38.8770,
-84.0675

■ 185.9730,
-39.9197, -76.2753

■ 78.0710, -38.4890,
-68.4683

■ 203.9020,
-35.4477, -63.9351

■ 62.2220, -30.6754,
-54.5687

■ 216.2490,
-28.2238, -47.5764

■ 47.5470, -23.4407,
-41.6987

■ 228.7100,
-20.5630, -31.3177

■ 33.4590, -16.4953,
-29.3435

■ 240.9860,
-12.3181, -15.7737

■ 18.1970, -8.9711,
-15.9588

■ 253.5610, -4.2206,

■ 0.0000, 0.0000,

0.3850

0.0000

■ 116.0560,
-32.5656, -101.7811

■ 123.3330,
-29.2512, -91.5000

■ 130.6100,
-25.9367, -81.2190

■ 137.4740,
-22.9117, -71.4527

■ 144.7510,
-19.5972, -61.1716

■ 152.0280,
-16.2828, -50.8906

■ 159.3050,
-12.9684, -40.6095

■ 166.5820, -9.6539,
-30.3284

■ 173.4460, -6.6289,
-20.5621

■ 180.7230, -3.3144,
-10.2811

Harmonies

Analogous

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



145.7920, -71.8755, 0.1824



116.0560, -32.5656, -101.7811



129.6270, 1.6629, -113.6829

Triad

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



116.0560, -32.5656, -101.7811



134.1430, 59.5825, -117.6434



133.2660, -9.4981, 106.7607

Complementary

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



116.0560, -32.5656, -101.7811



71.9440, 32.5656, 101.7811

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.



140.8700, 24.7141, 100.0920



116.0560, -32.5656, -101.7811



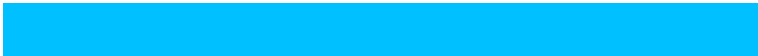
145.7910, 53.8400, -48.9287

Square

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



116.0560, -32.5656, -101.7811



141.7740, 55.8204, -124.3358



164.1600, 44.7841, 55.9877



147.4950, -53.9810, 94.2819

Rectangle

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



116.0560, -32.5656, -101.7811



136.3700, 24.9606, -119.5965



164.1600, 44.7841, 55.9877



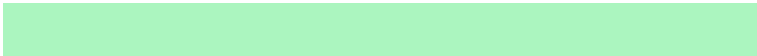
132.0070, 3.4475, 107.8649

Sweetspot

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



116.0560, -32.5656, -101.7811



216.7180, -12.6790, -40.0947



152.5150, -75.1899, -10.0987



105.1960, -7.4916, -23.8509



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.



116.0560, -32.5656, -101.7811



151.2250, -42.5089, -132.6243



126.4300, 7.1830, -110.8791



90.5110, -1.7309, -4.8331



97.5340, -27.3783, -85.5373



19.1090, -5.4767, -16.7586

Inverse Universe

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



71.9440, 32.5656, 101.7811



93.7750, 42.5089, 132.6243



61.5700, -7.1830, 110.8791



88.4890, 1.7309, 4.8331



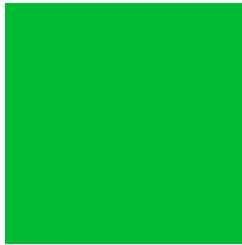
60.4660, 27.3783, 85.5373



11.7770, 5.0399, 16.8586

Previews

White Background



This preview shows how the YUV color 116.0560, -32.5656, -101.7811 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 116.0560, -32.5656, -101.7811 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 116.0560, -32.5656, -101.7811 Background



This preview shows how black text looks on a background with the YUV color 116.0560, -32.5656, -101.7811.



This preview shows how white text looks on a background with the YUV color 116.0560, -32.5656, -101.7811.

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

116.0560, -32.5656, -101.7811

Protanopia

153.5280, -54.4903, 24.0929

Deuteranopia

156.7930, -46.2399, 37.8925



Tritanopia

147.4080, 20.9979, -61.7478

Trichromacy



Original Color

116.0560, -32.5656, -101.7811



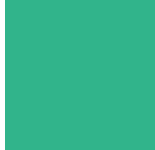
Protanomaly

140.0060, -46.3450, -21.9303



Deuteranomaly

142.0270, -41.4253, -13.1787



Tritanomaly

136.1570, 1.4016, -76.4367

Monochromacy



Original Color

116.0560, -32.5656, -101.7811



Achromatopsia

116.0000, 0.0000, 0.0000



Achromatomaly

115.9680, -11.8162, -36.8059

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.0560, -32.5656, -101.7811 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, 50)` looks like.

```
.text, #text, p{  
    color:rgb(0, 188, 50)  
}
```

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, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 188, 50) }
```

Border

The CSS property to change the border of an element to YUV 116.0560, -32.5656, -101.7811 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, 50) }
```


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

```
.border{ border-color:rgb(0, 188, 50) }
```

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, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 188, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 188, 50);  
box-shadow:4px 4px 4px 4px rgb(0, 188, 50)  
}
```

Background

The CSS property to change the background color of an element to YUV 116.0560, -32.5656, -101.7811 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, 50) }
```

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

```
.background{ background-color: rgb(0, 188,  
50) }
```

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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