

Converting Colors

YUV(101.3320, -33.1947,
100.5638)

Have a look what the booklet for
YUV(101.3320, -33.1947, 100.5638)
contains.

YUV(101.3320, -33.1947, 100.5638)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(101.3320, -33.1947,
100.5638)**

Conversions

Conversions Part 1

Format	Color
Hex	D83822
RGB	216, 56, 34
RGB Percent	85%, 22%, 13%
CMY	0.1529, 0.7804, 0.8667
CMYK	0.00, 0.74, 0.84, 0.15
HSL	7°, 73%, 49%
HSV	7°, 84%, 85%
XYZ	30.0218, 17.5428, 3.3171
YIQ	101.3320, 102.4220, 27.0780

Conversions

Conversions Part 2

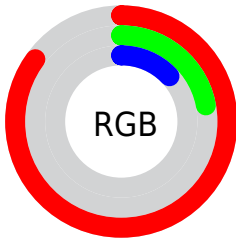
Format	Color
RYB	216, 59, 34
Decimal	14170146
CIELab	48.94, 60.62, 49.50
CIELCh	49, 78.256, 39.234
Yxy	17.5428, 0.5900, 0.3448
Android (android.graphics.Color)	4292360226 (0xFFD83822)
YUV	101.3320, -33.1947, 100.5638
Hunter-Lab	41.8841, 54.6486, 24.6232

Details

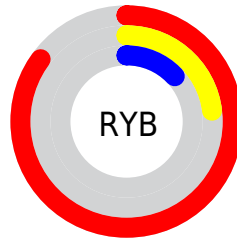
The YUV color **101.3320, -33.1947, 100.5638** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **148.6680, 33.1947, -100.5638**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.5110, -34.7619, 89.8829**, and **45.4480, -22.4059, 93.4461** is the 20% darker color. If you saturate the color by 10%, you get **87.6710, -37.3058, 112.5445**, and if you desaturate by 10%, it is **114.9930, -29.0835, 88.5831**.

Distribution



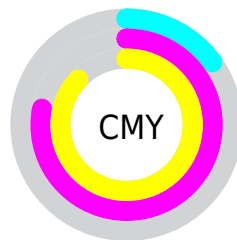
- Red (85%)
- Green (22%)
- Blue (13%)



- Red (85%)
- Yellow (23%)
- Blue (13%)



- Cyan (0%)
- Magenta (74%)
- Yellow (84%)
- Black (15%)



- Cyan (15%)
- Magenta (78%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.3320, -33.1947, 100.5638 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 101.3320, -33.1947, 100.5638 by changing the saturation by 10% instead.

■ 101.3320,
-33.1947, 100.5638

■ 101.3320,
-33.1947, 100.5638

255.0000, 0.0000,
0.0000

■ 66.6080, -28.4007,
102.9528

■ 152.5110,
-34.7619, 89.8829

■ 45.4480, -22.4059,
93.4461

■ 172.3840,
-32.2343, 72.4542

■ 36.1790, -17.8362,
74.3880

■ 191.7840,
-28.9805, 55.4404

■ 26.9100, -13.2666,
55.3299

■ 211.7710,
-26.0161, 37.9118

■ 18.8800, -7.8288,
37.8162

■ 231.8720,
-22.6149, 20.2833

■ 7.8880, -3.3958,
15.8842

■ 250.3260,

■ 0.0000, 0.0000,

-17.9087, 4.0991

0.0000

253.6320, -5.2416,
1.1997

101.3320,
-33.1947, 100.5638

101.3320,
-33.1947, 100.5638

87.6710, -37.3058,
112.5445

114.9930,
-29.0835, 88.5831

79.8460, -39.3641,
119.4071

128.5400,
-25.4092, 76.7024

142.2010,
-21.2981, 64.7217

155.7480,
-17.6238, 52.8410

169.4090,
-13.5126, 40.8603

■ 183.0700, -9.4015,
28.8796

■ 196.6170, -5.7272,
16.9989

■ 210.2780, -1.6161,
5.0182

■ 223.8250, 2.0583,
-6.8625

Harmonies

Analogous

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



79.7570, 9.4868, 130.8861



101.3320, -33.1947, 100.5638



108.9870, -53.7306, 60.5244

Triad

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



101.3320, -33.1947, 100.5638



90.2910, -11.9755, -79.1852



98.2390, 74.3252, -86.1556

Complementary

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



101.3320, -33.1947, 100.5638



148.6680, 33.1947, -100.5638

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.



107.4200, 66.3479, -94.2073



101.3320, -33.1947, 100.5638



100.0320, 17.7322, -87.7281

Square

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



101.3320, -33.1947, 100.5638



90.9170, -44.8221, -43.7772



106.6270, 45.5399, -93.5119



118.0090, 50.2816, 19.2861

Rectangle

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



101.3320, -33.1947, 100.5638



109.0880, -53.7804, 29.7408



106.6270, 45.5399, -93.5119



102.5760, 73.1730, -89.9592

Sweetspot

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



101.3320, -33.1947, 100.5638



214.8320, -11.7492, 35.2273



106.7720, 43.4964, 95.7930



103.5960, -7.1958, 21.4023



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



101.3320, -33.1947, 100.5638



94.4420, -46.5599, 140.8094



154.1620, -59.2399, 54.2319



100.4630, -2.2003, 5.7329



63.4560, -31.2838, 94.3161



15.7920, -7.7855, 23.8614

Inverse Universe

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



148.6680, 33.1947, -100.5638



160.5580, 46.5599, -140.8094



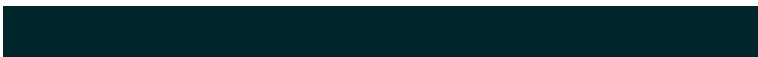
95.8380, 59.2399, -54.2319



103.1240, 1.9109, -6.2477



107.5440, 31.2838, -94.3161



27.2080, 7.7855, -23.8614

Previews

White Background



This preview shows how the YUV color 101.3320, -33.1947, 100.5638 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 101.3320, -33.1947, 100.5638 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 101.3320, -33.1947, 100.5638 Background



This preview shows how black text looks on a background with the YUV color 101.3320, -33.1947, 100.5638.



This preview shows how white text looks on a background with the YUV color 101.3320, -33.1947, 100.5638.

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

101.3320, -33.1947, 100.5638

Protanopia

113.2490, -31.1818, 14.6906

Deuteranopia

110.5490, -49.5707, 32.8445



Tritanopia

102.8510, -23.5905, 100.1087

Trichromacy



Original Color

101.3320, -33.1947, 100.5638

Protanomaly

108.9200, -32.0056, 45.6742

Deuteranomaly

107.3100, -43.5368, 57.6101

Tritanomaly

102.5260, -27.3743, 100.3937

Monochromacy



Original Color

101.3320, -33.1947, 100.5638

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.4300, -12.0440, 36.4569

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.3320, -33.1947, 100.5638 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(216, 56, 34)` looks like.

```
.text, #text, p{  
    color:rgb(216, 56, 34)  
}
```

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(216, 56, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 56, 34) }
```

Border

The CSS property to change the border of an element to YUV 101.3320, -33.1947, 100.5638 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(216, 56, 34) }
```


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

```
.border{ border-color:rgb(216, 56, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 56, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 56, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 56, 34);  
box-shadow:4px 4px 4px 4px rgb(216, 56,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 101.3320, -33.1947, 100.5638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 56, 34) }
```

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

```
.background{ background-color: rgb(216, 56,  
34) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor