

Converting Colors

YUV(125.6680, 33.1947,
-100.5638)

Have a look what the booklet for
YUV(125.6680, 33.1947, -100.5638)
contains.

YUV(125.6680, 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(125.6680, 33.1947,
-100.5638)**

Conversions

Conversions Part 1

Format	Color
Hex	0BABC1
RGB	11, 171, 193
RGB Percent	4%, 67%, 76%
CMY	0.9569, 0.3294, 0.2431
CMYK	0.94, 0.11, 0.00, 0.24
HSL	187°, 89%, 40%
HSV	187°, 94%, 76%
XYZ	24.3266, 33.0472, 55.5487
YIQ	125.6680, -102.4220, -27.0780

Conversions

Conversions Part 2

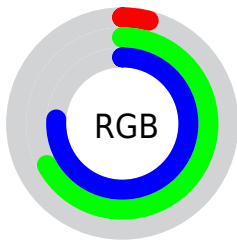
Format	Color
RYB	11, 96, 193
Decimal	764865
CIELab	64.20, -28.23, -21.53
CIELCh	64, 35.506, 217.338
Yxy	33.0472, 0.2154, 0.2927
Android (android.graphics.Color)	4278954945 (0xFF0BABC1)
YUV	125.6680, 33.1947, -100.5638
Hunter-Lab	57.4867, -25.0662, -17.0505




Details

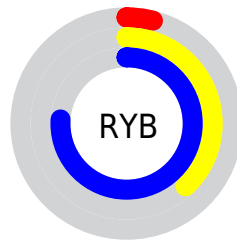
The YUV color **125.6680, 33.1947, -100.5638** is a dark color, and the websafe version is hex **339999**. The color can be described as dark washed azure. A complement of this color would be **78.3320, -33.1947, 100.5638**, and the grayscale version is **125.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **192.1330, 28.0354, -79.0466**, and **85.1120, 26.5668, -74.6432** is the 20% darker color. If you saturate the color by 10%, you get **121.7920, 35.1055, -106.8116**, and if you desaturate by 10%, it is **132.5230, 29.8152, -89.9127**.

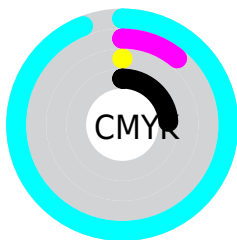
Distribution







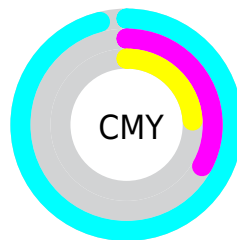
-  Red (4%)
-  Green (67%)
-  Blue (76%)






-  Red (4%)
-  Yellow (38%)
-  Blue (76%)



-  Cyan (94%)
-  Magenta (11%)
-  Yellow (0%)
-  Black (24%)



-  Cyan (96%)
-  Magenta (33%)
-  Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.6680, 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 125.6680, 33.1947, -100.5638 by changing the saturation by 10% instead.

■ 125.6680, 33.1947,
-100.5638

■ 125.6680, 33.1947,
-100.5638

■ 255.0000, 0.0000,
0.0000

■ 103.4520, 30.8362,
-90.7274

■ 192.1330, 28.0354,
-79.0466

■ 85.1120, 26.5668,
-74.6432

■ 218.8210, 17.8362,
-74.3880

■ 67.5870, 22.8816,
-59.2738

■ 228.0900, 13.2666,
-55.3299

■ 50.6490, 18.9070,
-44.4192

■ 237.0600, 8.8444,
-36.8866

■ 34.5260, 15.5167,
-30.2793

■ 246.3290, 4.2748,
-17.8285

■ 19.6910, 11.9843,
-17.2690

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 125.6680, 33.1947,
-100.5638

■ 125.6680, 33.1947,
-100.5638

■ 121.7920, 35.1055,
-106.8116

■ 132.5230, 29.8152,
-89.9127

■ 140.2640, 25.9988,
-79.1615

■ 147.1190, 22.6193,
-68.5104

■ 153.9740, 19.2398,
-57.8592

■ 161.4160, 15.5709,
-47.7228

■ 168.5700, 12.0440,
-36.4569

■ 175.4250, 8.6645,
-25.8057

■ 182.8670, 4.9956,
-15.6694

■ 190.0210, 1.4686,
-4.4034

Harmonies

Analogous

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



135.0830, 13.7631, -74.6178



125.6680, 33.1947, -100.5638



140.8710, 35.5596, -65.6619

Triad

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



125.6680, 33.1947, -100.5638



160.2770, 10.2164, 36.5911



152.5910, -29.8714, 14.3907

Complementary

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



125.6680, 33.1947, -100.5638



78.3320, -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.



155.1900, -28.1947, 36.6674



125.6680, 33.1947, -100.5638



158.7660, -4.8146, 51.0712

Square

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



125.6680, 33.1947, -100.5638



159.1300, 23.1069, 8.6560



156.7970, -18.6339, 50.1670



149.0760, -22.2225, -12.3447

Rectangle

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



125.6680, 33.1947, -100.5638



149.8680, 33.5891, -40.2262



156.7970, -18.6339, 50.1670



153.8200, -30.4773, 22.0829

Sweetspot

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



125.6680, 33.1947, -100.5638



223.7870, 12.9230, -38.4012



120.2280, -43.4964, -95.7930



109.2080, 7.7855, -23.8614



252.0000, 0.0000, 0.0000



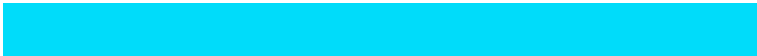
125.0000, 0.0000, 0.0000

Same Dimension

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



125.6680, 33.1947, -100.5638



157.6400, 45.5335, -138.2503



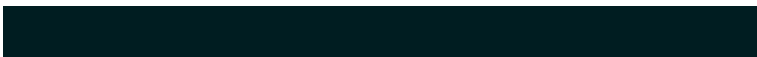
72.8380, 59.2399, -54.2319



93.4230, 1.7635, -5.6330



101.1210, 29.5203, -88.6831



20.7850, 6.0220, -18.2284

Inverse Universe

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



83.6580, 43.0596, 95.8929



99.8300, 59.2438, 131.6991



131.1620, -59.2399, 54.2319



91.0160, 2.4571, 5.2480



64.2130, 37.8560, 84.8822



13.1730, 7.8027, 17.3883

Previews

White Background



This preview shows how the YUV color 125.6680, 33.1947, -100.5638 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 125.6680, 33.1947, -100.5638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

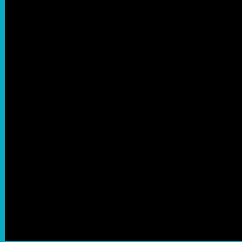
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 125.6680, 33.1947, -100.5638 Background



This preview shows how black text looks on a background with the YUV color 125.6680, 33.1947, -100.5638.



This preview shows how white text looks on a background with the YUV color 125.6680, 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

125.6680, 33.1947, -100.5638

Protanopia

154.9960, 12.8200, -5.2585

Deuteranopia

155.6350, 20.3929, -7.5729



Tritanopia

122.1680, 31.4692, -107.1413

Trichromacy



Original Color

125.6680, 33.1947, -100.5638

Protanomaly

144.6110, 19.9118, -40.0008

Deuteranomaly

144.9790, 25.1534, -41.2006

Tritanomaly

123.7060, 32.1899, -104.9822

Monochromacy



Original Color

125.6680, 33.1947, -100.5638

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.5700, 12.0440, -36.4569

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.6680, 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(11, 171, 193)` looks like.

```
.text, #text, p{  
    color:rgb(11, 171, 193)  
}
```

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(11, 171, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 171, 193) }
```

Border

The CSS property to change the border of an element to YUV 125.6680, 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(11, 171, 193) }
```


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

```
.border{ border-color:rgb(11, 171, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 171, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 171, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 171, 193);  
box-shadow:4px 4px 4px 4px rgb(11, 171,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 125.6680, 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(11, 171, 193) }
```

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

```
.background{ background-color: rgb(11, 171,  
193) }
```

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