

Converting Colors

YUV(168.8540, 7.9600,
-33.1980)

Have a look what the booklet for
YUV(168.8540, 7.9600, -33.1980)
contains.

YUV(168.8540, 7.9600, -33.1980)	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(168.8540, 7.9600,
-33.1980)**

Conversions

Conversions Part 1

Format	Color
Hex	83B9B9
RGB	131, 185, 185
RGB Percent	51%, 73%, 73%
CMY	0.4863, 0.2745, 0.2745
CMYK	0.29, 0.00, 0.00, 0.27
HSL	180°, 28%, 62%
HSV	180°, 29%, 73%
XYZ	35.4660, 43.0260, 52.3345
YIQ	168.8540, -32.1840, -11.4480

Conversions

Conversions Part 2

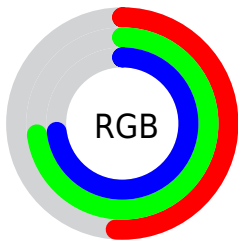
Format	Color
R_{YB}	131, 158, 185
Decimal	8632761
CIE _{Lab}	71.57, -17.50, -5.68
CIE _{LCh}	72, 18.400, 197.974
Yxy	43.0260, 0.2711, 0.3289
Android (android.graphics.Color)	4286822841 (0xFF83B9B9)
YUV	168.8540, 7.9600, -33.1980
Hunter-Lab	65.5942, -18.2771, -1.3888

Details

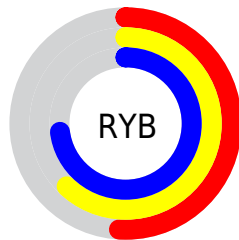
The YUV color **168.8540, 7.9600, -33.1980** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **147.1460, -7.9600, 33.1980**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.5550, 8.1074, -33.8127**, and **116.1530, 7.8126, -32.5832** is the 20% darker color. If you saturate the color by 10%, you get **163.4720, 10.6133, -44.2639**, and if you desaturate by 10%, it is **174.2360, 5.3067, -22.1320**.

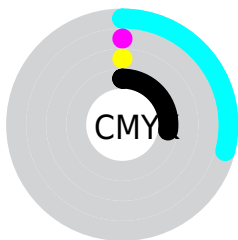
Distribution



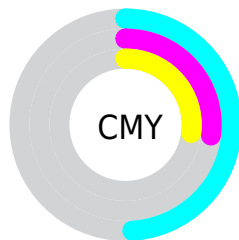
- Red (51%)
- Green (73%)
- Blue (73%)



- Red (51%)
- Yellow (62%)
- Blue (73%)



- Cyan (29%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (49%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.8540, 7.9600, -33.1980 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 168.8540, 7.9600, -33.1980 by changing the saturation by 10% instead.

■ 168.8540, 7.9600,
-33.1980

■ 168.8540, 7.9600,
-33.1980

255.0000, 0.0000,
0.0000

■ 142.1530, 7.8126,
-32.5832

■ 224.5550, 8.1074,
-33.8127

■ 116.1530, 7.8126,
-32.5832

■ 242.7410, 6.0437,
-25.2059

■ 90.2670, 8.2494,
-32.6832

■ 251.4120, 1.7689,
-7.3773

■ 65.6690, 8.5442,
-33.9127

■ 41.4730, 9.1338,
-36.3718

■ 26.0510, 5.8909,
-22.8467

■ 8.5090, 4.6791,

-7.4624

■ 0.0000, 0.0000,
0.0000

■ 168.8540, 7.9600,
-33.1980

■ 168.8540, 7.9600,
-33.1980

■ 163.4720, 10.6133,
-44.2639

■ 174.2360, 5.3067,
-22.1320

■ 157.7910, 13.4140,
-55.9447

■ 179.9170, 2.5059,
-10.4512

■ 152.1100, 16.2148,
-67.6255

■ 185.5980, -0.2948,
1.2296

■ 146.7280, 18.8681,
-78.6915

■ 190.9800, -2.9481,
12.2955

■ 141.3460, 21.5214,
-89.7574

■ 196.3620, -5.6015,
23.3615

■ 135.6650, 24.3222,
-101.4382

■ 202.0430, -8.4022,
35.0423

■ 129.9840, 27.1229,
-113.1190

■ 205.9300,
-10.3185, 43.0344

■ 129.6850, 27.2703,
-113.7337

Harmonies

Analogous

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



169.9060, -0.9397, -25.3506



168.8540, 7.9600, -33.1980



169.9880, 14.7959, -32.4385

Triad

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



168.8540, 7.9600, -33.1980



177.9980, 9.8610, 10.5258



175.5710, -16.0575, 17.0392

Complementary

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



168.8540, 7.9600, -33.1980



147.1460, -7.9600, 33.1980

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.



177.1360, -12.8850, 26.1907



168.8540, 7.9600, -33.1980



178.4250, 2.2555, 23.3063

Square

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



168.8540, 7.9600, -33.1980



175.9790, 15.2934, -5.2436



178.2810, -6.0545, 28.6946



173.4230, -14.9985, 4.0140

Rectangle

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



168.8540, 7.9600, -33.1980



171.6020, 16.9582, -25.9610



178.2810, -6.0545, 28.6946



176.1200, -15.3422, 20.9428

Sweetspot

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



168.8540, 7.9600, -33.1980



233.4220, 3.2430, -13.5251



162.6980, -15.6271, -27.7991



116.1130, 1.9163, -7.9921



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



168.8540, 7.9600, -33.1980



214.8840, 12.3822, -51.6413



153.0050, 15.7735, -19.2984



89.3090, 1.3267, -5.5330



109.3560, 22.9955, -95.9052



19.6280, 4.1274, -17.2138

Inverse Universe

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



153.3020, 15.6271, 27.7991



190.6920, 24.3088, 43.2431



162.9950, -15.7735, 19.2984



86.7170, 2.6045, 4.6332



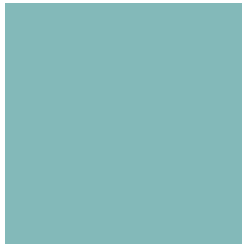
64.4280, 45.1450, 80.3086



11.5640, 8.1029, 14.4144

Previews

White Background



This preview shows how the YUV color 168.8540, 7.9600, -33.1980 looks on a white background.

Color Contrast Check

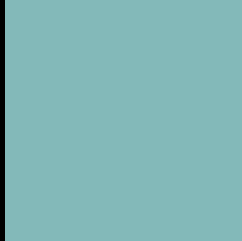
Large Text (above 18pt) WCAG AA × Fail

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 168.8540, 7.9600, -33.1980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

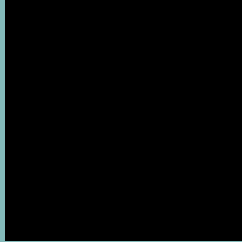
Any Text WCAG AA ✓ Pass

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 168.8540, 7.9600, -33.1980 Background



This preview shows how black text looks on a background with the YUV color 168.8540, 7.9600, -33.1980.

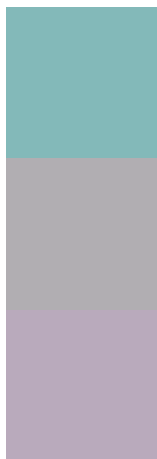


This preview shows how white text looks on a background with the YUV color 168.8540, 7.9600,

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

168.8540, 7.9600, -33.1980

Protanopia

175.3530, 1.3050, 1.4444

Deuteranopia

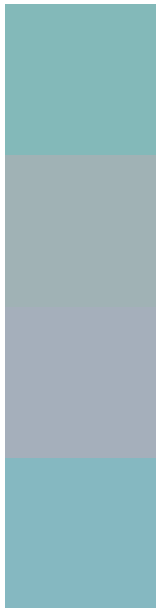
176.5370, 5.6513, 7.4221



Tritanopia

170.0590, 13.7749, -31.6237

Trichromacy



Original Color

168.8540, 7.9600, -33.1980

Protanomaly

172.9600, 3.9637, -11.3659

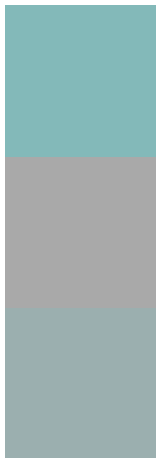
Deuteranomaly

173.3780, 6.7156, -7.3475

Tritanomaly

169.7770, 11.4489, -32.2534

Monochromacy



Original Color

168.8540, 7.9600, -33.1980

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.0200, 2.9481, -12.2955

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.8540, 7.9600, -33.1980 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(131, 185, 185)` looks like.

```
.text, #text, p{  
    color:rgb(131, 185, 185)  
}
```

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(131, 185, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 185, 185) }
```

Border

The CSS property to change the border of an element to YUV 168.8540, 7.9600, -33.1980 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(131, 185, 185) }
```


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

```
.border{ border-color:rgb(131, 185, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 185, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 185, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 185, 185);  
box-shadow:4px 4px 4px 4px rgb(131, 185,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 168.8540, 7.9600, -33.1980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 185, 185) }
```

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

```
.background{ background-color: rgb(131,  
185, 185) }
```

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