

# Converting Colors

YUV(165.5680, -18.5210,  
-32.9471)

Have a look what the booklet for  
YUV(165.5680, -18.5210, -32.9471)  
contains.

<b>YUV(165.5680, -18.5210, -32.9471)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(165.5680, -18.5210,  
-32.9471)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80C080
RGB	128, 192, 128
RGB Percent	50%, 75%, 50%
CMY	0.4980, 0.2471, 0.4980
CMYK	0.33, 0.00, 0.33, 0.25
HSL	120°, 34%, 63%
HSV	120°, 33%, 75%
XYZ	31.6480, 43.8470, 27.2174
YIQ	165.5680, -17.6000, -33.4720

# Conversions

## Conversions Part 2

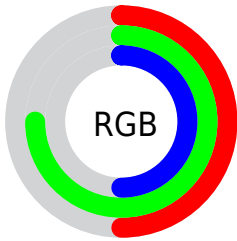
Format	Color
<a href="#">RYB</a>	<a href="#">128, 192, 192</a>
Decimal	<a href="#">8437888</a>
CIELab	<a href="#">72.13, -33.30, 25.95</a>
CIElCh	<a href="#">72, 42.219, 142.065</a>
Yxy	<a href="#">43.8470, 0.3081, 0.4269</a>
Android (android.graphics.Color)	<a href="#">4286627968 (0xFF80C080)</a>
YUV	<a href="#">165.5680, -18.5210, -32.9471</a>
Hunter-Lab	<a href="#">66.2171, -30.5669, 21.9818</a>

# Details

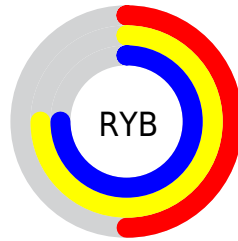
The YUV color **165.5680, -18.5210, -32.9471** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **154.4320, 18.5210, 32.9471**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5140, -19.9734, -33.7768**, and **112.6220, -17.0686, -32.1175** is the 20% darker color. If you saturate the color by 10%, you get **157.7210, -24.0195, -42.7283**, and if you desaturate by 10%, it is **173.4150, -13.0226, -23.1660**.

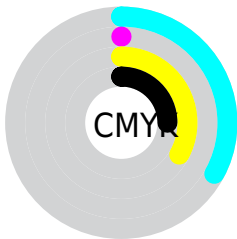
# Distribution



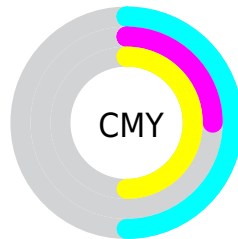
- Red (50%)
- Green (75%)
- Blue (50%)



- Red (50%)
- Yellow (75%)
- Blue (75%)



- Cyan (33%)
- Magenta (0%)
- Yellow (33%)
- Black (25%)



- Cyan (50%)
- Magenta (25%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 165.5680, -18.5210, -32.9471 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 165.5680, -18.5210, -32.9471 by changing the saturation by 10% instead.



■ 165.5680,  
-18.5210, -32.9471

■ 165.5680,  
-18.5210, -32.9471

255.0000, 0.0000,  
0.0000

■ 139.0950,  
-17.7948, -32.5323

■ 221.5140,  
-19.9734, -33.7768

■ 112.6220,  
-17.0686, -32.1175

■ 236.6000,  
-13.6068, -22.4512

■ 86.9640, -15.7583,  
-32.4174

■ 248.4630, -5.6513,  
-7.4221

■ 61.2950, -14.4424,  
-34.4617

■ 38.0070, -14.3005,  
-33.3321

■ 24.0670, -11.8650,  
-21.1068

■ 8.2180, -4.0515,

-7.2072

■ 0.0000, 0.0000,  
0.0000

■ 165.5680,  
-18.5210, -32.9471

■ 165.5680,  
-18.5210, -32.9471

■ 157.7210,  
-24.0195, -42.7283

■ 173.4150,  
-13.0226, -23.1660

■ 149.8740,  
-29.5179, -52.5095

■ 181.2620, -7.5242,  
-13.3848

■ 141.6140,  
-35.3057, -62.8055

■ 189.5220, -1.7363,  
-3.0888

■ 133.7670,  
-40.8041, -72.5867

■ 197.3690, 3.7621,  
6.6924

■ 125.9200,  
-46.3026, -82.3678

■ 205.2160, 9.2605,  
16.4736

■ 118.0730,  
-51.8010, -92.1490

■ 213.0630, 14.7589,  
26.2547

■ 112.7040,  
-55.5631, -98.8414

■ 218.0190, 18.2316,  
32.4323

# Harmonies

## Analogous

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



171.0040, -33.0330, 1.7505



165.5680, -18.5210, -32.9471



156.2760, 4.3009, -73.0331

# Triad

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



165.5680, -18.5210, -32.9471



166.1520, 42.8161, -59.7693



179.0250, -14.3093, 63.1221

# Complementary

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



165.5680, -18.5210, -32.9471



154.4320, 18.5210, 32.9471

# 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.



180.7910, 4.0470, 55.4343



165.5680, -18.5210, -32.9471



178.2830, 34.3705, -10.7722

# Square

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



165.5680, -18.5210, -32.9471



140.3090, 47.6687, -123.0510



181.5070, 21.4420, 29.3734



177.5450, -29.8487, 53.8960



# Rectangle

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



165.5680, -18.5210, -32.9471



137.8260, 26.7078, -119.9964



181.5070, 21.4420, 29.3734



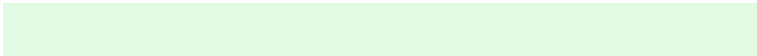
179.3330, -8.0522, 62.8520

# Sweetspot

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



165.5680, -18.5210, -32.9471



239.6750, -7.2348, -12.8700



184.7040, -27.9551, 6.3986



118.8050, -4.3409, -7.7220



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.



165.5680, -18.5210, -32.9471



208.7000, -28.9391, -51.4799



169.2160, -4.5435, -36.1464



92.8700, -2.8939, -5.1480



94.5070, -46.5920, -82.8826



19.3710, -9.5499, -16.9884



# Inverse Universe

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



154.4320, 18.5210, 32.9471



191.3000, 28.9391, 51.4799



150.7840, 4.5435, 36.1464



91.1300, 2.8939, 5.1480



66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884



# Previews

## White Background



This preview shows how the YUV color 165.5680, -18.5210, -32.9471 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

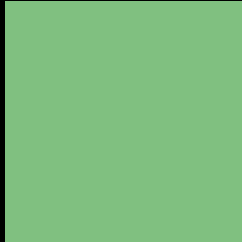
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 165.5680, -18.5210, -32.9471 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 165.5680, -18.5210, -32.9471 Background



This preview shows how black text looks on a background with the YUV color 165.5680, -18.5210, -32.9471.



This preview shows how white text looks on a background with the YUV color 165.5680, -18.5210, -32.9471.

-32.9471.

# 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

165.5680, -18.5210, -32.9471

### Protanopia

173.9160, -26.0876, 14.1057

### Deuteranopia

176.2580, -21.3262, 26.9607



## Tritanopia

172.1520, 12.7431, -27.3203

# Trichromacy



## Original Color

165.5680, -18.5210, -32.9471

## Protanomaly

170.9030, -23.1232, -3.4229

## Deuteranomaly

172.0550, -20.2401, 5.2138

## Tritanomaly

169.5680, 1.6920, -29.4391

# Monochromacy



## Original Color

165.5680, -18.5210, -32.9471

## Achromatopsia

166.0000, 0.0000, 0.0000

## Achromatomaly

165.5010, -6.6560, -11.8404

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 165.5680, -18.5210, -32.9471 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(128, 192, 128)` looks like.

```
.text, #text, p{  
    color:rgb(128, 192, 128)  
}
```

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(128, 192, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 192, 128) }
```

## Border

The CSS property to change the border of an element to YUV 165.5680, -18.5210, -32.9471 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(128, 192, 128) }
```



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

```
.border{ border-color:rgb(128, 192, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 192, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 192, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 192, 128);  
box-shadow:4px 4px 4px 4px rgb(128, 192,  
128) }
```

# Background

The CSS property to change the background color of an element to YUV 165.5680, -18.5210, -32.9471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 192, 128) }
```

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

```
.background{ background-color: rgb(128,  
192, 128) }
```

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