

# Converting Colors

YUV(165.4800, 5.1864,  
-30.2390)

Have a look what the booklet for  
YUV(165.4800, 5.1864, -30.2390)  
contains.

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# Color

**YUV(165.4800, 5.1864,  
-30.2390)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83B5B0
RGB	131, 181, 176
RGB Percent	51%, 71%, 69%
CMY	0.4863, 0.2902, 0.3098
CMYK	0.28, 0.00, 0.03, 0.29
HSL	174°, 25%, 61%
HSV	174°, 28%, 71%
XYZ	33.7204, 41.0076, 47.2123
YIQ	165.4800, -28.1950, -12.1550

# Conversions

## Conversions Part 2

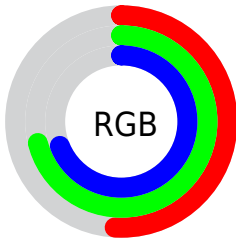
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 157, 181
Decimal	8631728
CIELab	70.18, -17.51, -2.79
CIElCh	70, 17.731, 189.051
Yxy	41.0076, 0.2765, 0.3363
Android (android.graphics.Color)	4286821808 (0xFF83B5B0)
YUV	165.4800, 5.1864, -30.2390
Hunter-Lab	64.0372, -18.0714, 1.1137

# Details

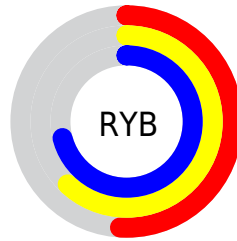
The YUV color **165.4800, 5.1864, -30.2390** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **146.5200, -5.1864, 30.2390**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.8820, 5.4812, -31.4685**, and **112.8930, 5.4758, -29.7242** is the 20% darker color. If you saturate the color by 10%, you get **159.8700, 6.9661, -41.1050**, and if you desaturate by 10%, it is **171.0900, 3.4066, -19.3729**.

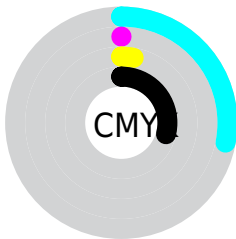
# Distribution



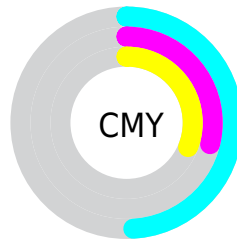
- Red (51%)
- Green (71%)
- Blue (69%)



- Red (51%)
- Yellow (62%)
- Blue (71%)



- Cyan (28%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



- Cyan (49%)
- Magenta (29%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 165.4800, 5.1864, -30.2390 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 165.4800, 5.1864, -30.2390 by changing the saturation by 10% instead.



■ 165.4800, 5.1864,  
-30.2390

■ 165.4800, 5.1864,  
-30.2390

255.0000, 0.0000,  
0.0000

■ 138.7790, 5.0390,  
-29.6242

■ 220.8820, 5.4812,  
-31.4685

■ 112.8930, 5.4758,  
-29.7242

■ 242.4420, 6.1911,  
-25.8206

■ 88.1920, 5.3283,  
-29.1094

■ 251.1130, 1.9163,  
-7.9921

■ 63.5940, 5.6232,  
-30.3389

■ 38.8000, 6.5076,  
-34.0276

■ 23.4920, 3.7014,  
-20.6025

■ 1.9720, 2.4788,

-1.7294

■ 0.0000, 0.0000,  
0.0000

■ 165.4800, 5.1864,  
-30.2390

■ 165.4800, 5.1864,  
-30.2390

■ 159.8700, 6.9661,  
-41.1050

■ 171.0900, 3.4066,  
-19.3729

■ 154.2600, 8.7458,  
-51.9710

■ 176.7000, 1.6269,  
-8.5069

■ 148.7640, 10.9623,  
-62.9370

■ 182.1960, -0.5896,  
2.4591

■ 143.1540, 12.7421,  
-73.8031

■ 187.8060, -2.3694,  
13.3251

■ 137.2450, 14.6692,  
-85.2839

■ 193.4160, -4.1491,  
24.1912

■ 131.6350, 16.4489,  
-96.1499

■ 199.3250, -6.0762,  
35.6720

■ 126.0250, 18.2287,  
-107.0159

■ 204.0380, -7.4137,  
44.6937

■ 124.8290, 18.8183,  
-109.4750

■ 204.1520, -6.9769,  
44.5937

■ 204.3800, -6.1033,  
44.3937

# Harmonies

## Analogous

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



166.6570, -3.2819, -20.7472



165.4800, 5.1864, -30.2390



166.0050, 12.3225, -32.4534

# Triad

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



165.4800, 5.1864, -30.2390



174.0190, 11.3296, 6.1223



172.2230, -14.8999, 19.0984

# Complementary

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



165.4800, 5.1864, -30.2390



146.5200, -5.1864, 30.2390

# 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.



173.4180, -10.5591, 26.8204



165.4800, 5.1864, -30.2390



174.8590, 4.0135, 19.4177

# Square

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



165.4800, 5.1864, -30.2390



171.3590, 15.5990, -9.9618



174.2530, -3.5757, 26.9651



170.4450, -15.0094, 7.5027



# Rectangle

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



165.4800, 5.1864, -30.2390



167.5370, 15.5113, -28.5349



174.2530, -3.5757, 26.9651



172.5870, -13.6004, 22.2872

# Sweetspot

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



165.4800, 5.1864, -30.2390



229.0910, 1.9271, -11.4808



161.8450, -15.2066, -22.6661



113.5970, 1.1847, -6.6626



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000



# Same Dimension

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



165.4800, 5.1864, -30.2390



210.7660, 8.0034, -47.1528



154.3100, 13.1582, -20.4429



86.1950, 0.8899, -5.4330



105.5430, 16.0013, -92.5612



17.8840, 2.5222, -15.6843



# Inverse Universe

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



146.5200, -5.1864, 30.2390



181.2340, -8.0034, 47.1528



157.6900, -13.1582, 20.4429



82.8050, -0.8899, 5.4330



47.4570, -16.0013, 92.5612

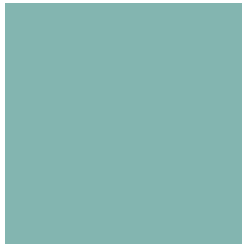


8.1160, -2.5222, 15.6843



# Previews

## White Background



This preview shows how the YUV color 165.4800, 5.1864, -30.2390 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

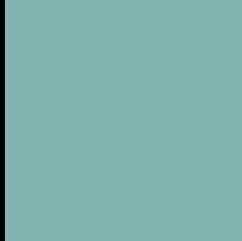
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 165.4800, 5.1864, -30.2390 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

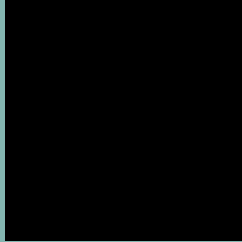
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 165.4800, 5.1864, -30.2390

## Background



This preview shows how black text looks on a background with the YUV color 165.4800, 5.1864, -30.2390.



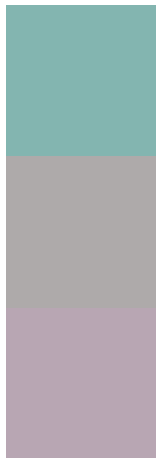
This preview shows how white text looks on a background with the YUV color 165.4800, 5.1864,

-30.2390.

# 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

165.4800, 5.1864, -30.2390

### Protanopia

171.1960, -0.5896, 2.4591

### Deuteranopia

172.8640, 3.0250, 9.7663



## Tritanopia

166.8530, 12.8905, -27.9351

# Trichromacy



## Original Color

165.4800, 5.1864, -30.2390

## Protanomaly

168.9880, 1.4849, -9.6365

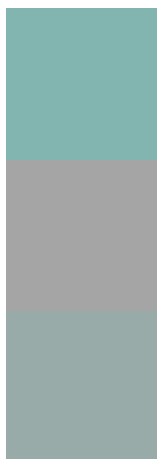
## Deuteranomaly

170.0040, 3.9420, -4.3885

## Tritanomaly

166.4570, 10.1277, -28.4648

# Monochromacy



## Original Color

165.4800, 5.1864, -30.2390

## Achromatopsia

165.0000, 0.0000, 0.0000

## Achromatomaly

165.3900, 1.7797, -10.8660

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 165.4800, 5.1864, -30.2390 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, 181, 176)` looks like.

```
.text, #text, p{  
    color:rgb(131, 181, 176)  
}
```

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, 181, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 181, 176) }
```

## Border

The CSS property to change the border of an element to YUV 165.4800, 5.1864, -30.2390 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, 181, 176) }
```



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

```
.border{ border-color:rgb(131, 181, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 181, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 181, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 181, 176);  
box-shadow:4px 4px 4px 4px rgb(131, 181,  
176) }
```

# Background

The CSS property to change the background color of an element to YUV 165.4800, 5.1864, -30.2390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 181, 176) }
```

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

```
.background{ background-color: rgb(131,  
181, 176) }
```

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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