

# Converting Colors

YUV(165.4340, -5.1440,  
-30.1986)

Have a look what the booklet for  
YUV(165.4340, -5.1440, -30.1986)  
contains.

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# Color

**YUV(165.4340, -5.1440,  
-30.1986)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83B99B
RGB	131, 185, 155
RGB Percent	51%, 73%, 61%
CMY	0.4863, 0.2745, 0.3922
CMYK	0.29, 0.00, 0.16, 0.27
HSL	147°, 28%, 62%
HSV	147°, 29%, 73%
XYZ	32.6254, 41.8898, 37.3763
YIQ	165.4340, -22.5540, -20.7780

# Conversions

## Conversions Part 2

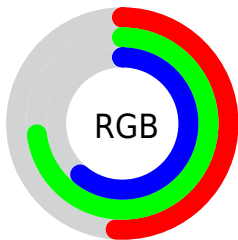
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 168, 185
Decimal	8632731
CIELab	70.79, -24.03, 9.61
CIELCh	71, 25.879, 158.203
Yxy	41.8898, 0.2916, 0.3744
Android (android.graphics.Color)	4286822811 (0xFF83B99B)
YUV	165.4340, -5.1440, -30.1986
Hunter-Lab	64.7223, -23.2852, 11.0664

# Details

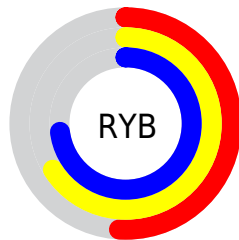
The YUV color **165.4340, -5.1440, -30.1986** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **150.5660, 5.1440, 30.1986**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.6080, -5.7227, -31.2282**, and **113.2600, -4.5652, -29.1690** is the 20% darker color. If you saturate the color by 10%, you get **158.9120, -6.8586, -40.2648**, and if you desaturate by 10%, it is **171.9560, -3.4293, -20.1324**.

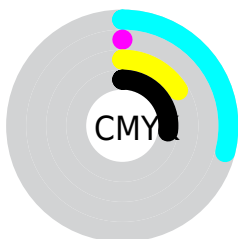
# Distribution



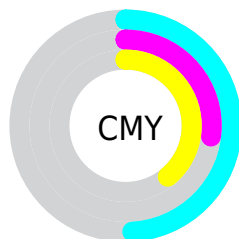
- Red (51%)
- Green (73%)
- Blue (61%)



- Red (51%)
- Yellow (66%)
- Blue (73%)



- Cyan (29%)
- Magenta (0%)
- Yellow (16%)
- Black (27%)



- Cyan (49%)
- Magenta (27%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 165.4340, -5.1440, -30.1986 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 165.4340, -5.1440, -30.1986 by changing the saturation by 10% instead.



■ 165.4340, -5.1440,  
-30.1986

■ 165.4340, -5.1440,  
-30.1986

255.0000, 0.0000,  
0.0000

■ 138.8470, -4.8546,  
-29.6838

■ 220.6080, -5.7227,  
-31.2282

■ 113.2600, -4.5652,  
-29.1690

■ 240.5040, -1.2345,  
-24.1210

■ 87.7870, -3.8390,  
-28.7542

■ 251.1130, 1.9163,  
-7.9921

■ 63.6020, -3.2548,  
-29.4690

■ 38.3350, -1.6442,  
-32.7428

■ 22.7280, -4.3029,  
-19.9325

■ 2.9350, -1.4470,

-2.5740

■ 0.0000, 0.0000,  
0.0000

■ 165.4340, -5.1440,  
-30.1986

■ 165.4340, -5.1440,  
-30.1986

■ 158.9120, -6.8586,  
-40.2648

■ 171.9560, -3.4293,  
-20.1324

■ 151.9770, -8.8627,  
-50.8458

■ 178.8910, -1.4253,  
-9.5514

■ 145.1560,  
-10.4299, -61.5268

■ 185.7120, 0.1420,  
1.1296

■ 138.6340,  
-12.1446, -71.5930

■ 192.2340, 1.8566,  
11.1958

■ 132.1120,  
-13.8592, -81.6592

■ 198.7560, 3.5713,  
21.2620

■ 125.1770,  
-15.8633, -92.2402

■ 205.6910, 5.5753,  
31.8430

■ 118.3560,  
-17.4305, -102.9212

■ 210.7180, 8.0270,  
38.8353

■ 117.9430,  
-17.7199, -103.4360

■ 211.8580, 12.3950,  
37.8355

■ 213.1120, 17.1998,  
36.7358

# Harmonies

## Analogous

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



168.9930, -16.2655, -9.6409



165.4340, -5.1440, -30.1986



162.7660, 8.0034, -47.1528

# Triad

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



165.4340, -5.1440, -30.1986



172.2640, 23.0408, -16.8945



175.3440, -14.9596, 38.2863

# Complementary

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



165.4340, -5.1440, -30.1986



150.5660, 5.1440, 30.1986

# 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.



176.3900, -4.6293, 38.2460



165.4340, -5.1440, -30.1986



176.1100, 16.7078, 7.7965

# Square

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



165.4340, -5.1440, -30.1986



166.7620, 24.2743, -39.2563



177.0110, 6.8966, 28.0544



173.5570, -21.4736, 27.5755



# Rectangle

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



165.4340, -5.1440, -30.1986



162.2090, 16.1660, -51.9263



177.0110, 6.8966, 28.0544



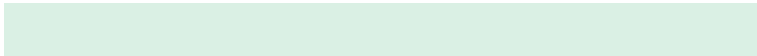
176.1530, -11.9074, 39.3308

# Sweetspot

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



165.4340, -5.1440, -30.1986



232.0540, -1.9986, -12.3254



171.9670, -20.1967, -8.7411



115.3150, -1.1413, -7.2923



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.



165.4340, -5.1440, -30.1986



209.5260, -8.1473, -46.9423



168.3980, 6.2128, -32.7980



88.7390, -0.8573, -5.0331



99.4380, -15.0059, -87.2071



17.8040, -2.8614, -15.6141



# Inverse Universe

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



150.5660, 5.1440, 30.1986



186.3600, 7.7105, 47.0423



147.6020, -6.2128, 32.7980



86.2610, 0.8573, 5.0331



56.4480, 14.5691, 87.3071



10.1960, 2.8614, 15.6141



# Previews

## White Background



This preview shows how the YUV color 165.4340, -5.1440, -30.1986 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 165.4340, -5.1440, -30.1986 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 165.4340, -5.1440, -30.1986

## Background



This preview shows how black text looks on a background with the YUV color 165.4340, -5.1440, -30.1986.



This preview shows how white text looks on a background with the YUV color 165.4340, -5.1440,

-30.1986.

# 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

165.4340, -5.1440, -30.1986

### Protanopia

171.9550, -11.8098, 7.9325

### Deuteranopia

174.1610, -7.4744, 17.3988



## Tritanopia

169.3370, 12.1589, -26.6055

# Trichromacy



## Original Color

165.4340, -5.1440, -30.1986

## Protanomaly

169.8500, -9.2930, -6.0074

## Deuteranomaly

171.2790, -6.5465, -0.2447

## Tritanomaly

168.0180, 5.9071, -28.0798

# Monochromacy



## Original Color

165.4340, -5.1440, -30.1986

## Achromatopsia

165.0000, 0.0000, 0.0000

## Achromatomaly

165.0650, -2.0040, -10.5810

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 165.4340, -5.1440, -30.1986 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(131, 185, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 185, 155) }
```

## Border

The CSS property to change the border of an element to YUV 165.4340, -5.1440, -30.1986 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, 155) }
```



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

```
.border{ border-color:rgb(131, 185, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 185, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 185, 155);  
box-shadow:4px 4px 4px 4px rgb(131, 185,  
155) }
```

# Background

The CSS property to change the background color of an element to YUV 165.4340, -5.1440, -30.1986 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, 155) }
```

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

```
.background{ background-color: rgb(131,  
185, 155) }
```

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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