

# Converting Colors

YUV(167.7360, -6.7718,  
-68.1745)

Have a look what the booklet for  
YUV(167.7360, -6.7718, -68.1745)  
contains.

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# Color

**YUV(167.7360, -6.7718,  
-68.1745)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AD29A
RGB	90, 210, 154
RGB Percent	35%, 82%, 60%
CMY	0.6471, 0.1765, 0.3961
CMYK	0.57, 0.00, 0.27, 0.18
HSL	152°, 57%, 59%
HSV	152°, 57%, 82%
XYZ	33.0958, 50.5999, 38.5943
YIQ	167.7360, -53.5440, -42.8560

# Conversions

## Conversions Part 2

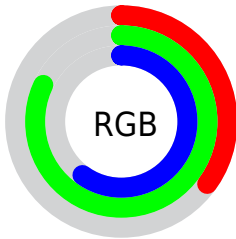
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 168, 210
Decimal	5952154
CIELab	76.44, -46.67, 17.83
CIELCh	76, 49.960, 159.090
Yxy	50.5999, 0.2706, 0.4138
Android (android.graphics.Color)	4284142234 (0xFF5AD29A)
YUV	167.7360, -6.7718, -68.1745
Hunter-Lab	71.1336, -41.4346, 17.6251

# Details

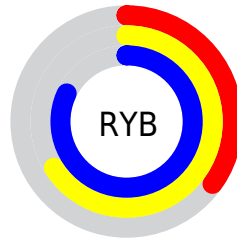
The YUV color **167.7360, -6.7718, -68.1745** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **132.2640, 6.7718, 68.1745**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.0620, -4.4676, -60.5674**, and **106.6140, -1.7817, -82.0995** is the 20% darker color. If you saturate the color by 10%, you get **160.3170, -8.0443, -80.0850**, and if you desaturate by 10%, it is **175.1550, -5.4994, -56.2639**.

# Distribution



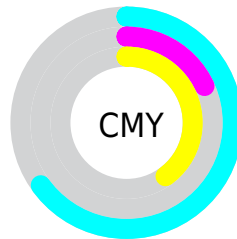
- Red (35%)
- Green (82%)
- Blue (60%)



- Red (35%)
- Yellow (66%)
- Blue (82%)



- Cyan (57%)
- Magenta (0%)
- Yellow (27%)
- Black (18%)



- Cyan (65%)
- Magenta (18%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 167.7360, -6.7718, -68.1745 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 167.7360, -6.7718, -68.1745 by changing the saturation by 10% instead.



■ 167.7360, -6.7718,  
-68.1745

■ 167.7360, -6.7718,  
-68.1745

255.0000, 0.0000,  
0.0000

■ 138.7680, -5.3086,  
-70.8335

■ 218.0620, -4.4676,  
-60.5674

■ 106.6140, -1.7817,  
-82.0995

■ 229.9250, 3.4880,  
-45.5382

■ 84.0280, -2.9718,  
-73.6926

■ 240.9470, 6.9281,  
-28.8945

■ 66.1440, -5.4940,  
-58.0083

■ 249.6180, 2.6533,  
-11.0660

■ 48.9610, -7.8688,  
-42.9388

■ 32.4790, -10.0961,  
-28.4841

■ 18.1970, -8.9711,

-15.9588

■ 0.0000, 0.0000,  
0.0000

■ 167.7360, -6.7718,  
-68.1745

■ 167.7360, -6.7718,  
-68.1745

■ 160.3170, -8.0443,  
-80.0850

■ 175.1550, -5.4994,  
-56.2639

■ 152.8980, -9.3167,  
-91.9955

■ 182.5740, -4.2270,  
-44.3534

■ 145.5930,  
-10.1523, -104.0061

■ 189.8790, -3.3913,  
-32.3429

■ 138.1740,  
-11.4248, -115.9166

■ 197.2980, -2.1189,  
-20.4323

■ 136.0380,  
-11.8507, -119.3053

■ 204.7170, -0.8465,  
-8.5218

■ 212.1360, 0.4260,  
3.3887

■ 219.5550, 1.6984,  
15.2993

■ 225.9630, 2.9762,  
25.4654

■ 227.1030, 7.3442,  
24.4657

# Harmonies

## Analogous

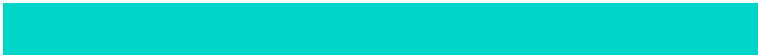
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



178.0180, -31.0679, -21.9408



167.7360, -6.7718, -68.1745



148.0590, 26.5929, -129.8477

# Triad

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



167.7360, -6.7718, -68.1745



181.5740, 36.1990, -37.3374



184.7400, -25.5078, 61.6180

# Complementary

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



167.7360, -6.7718, -68.1745



132.2640, 6.7718, 68.1745

# 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.



184.9460, -4.4104, 61.4374



167.7360, -6.7718, -68.1745



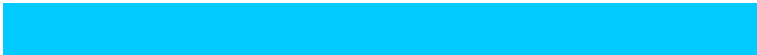
192.5360, 30.7948, 16.1929

# Square

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



167.7360, -6.7718, -68.1745



147.6440, 52.9265, -129.4838



193.2390, 14.6722, 54.1644



186.7220, -41.7679, 50.2328



# Rectangle

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



167.7360, -6.7718, -68.1745



150.8920, 39.9862, -132.3323



193.2390, 14.6722, 54.1644



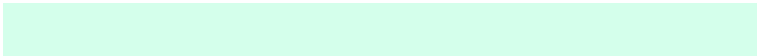
183.8740, -18.6719, 62.3775

# Sweetspot

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



167.7360, -6.7718, -68.1745



239.8630, -2.3975, -24.4359



177.1840, -42.9817, -27.3484



118.8580, -1.4090, -14.7845



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



167.7360, -6.7718, -68.1745



193.0280, -9.8738, -100.0026



171.7720, 18.8464, -71.7140



101.1410, -0.5625, -6.2627



108.8760, -9.3059, -95.4843



26.5750, -2.2555, -23.3063



# Inverse Universe

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



132.2640, 6.7718, 68.1745



140.9720, 9.8738, 100.0026



128.2280, -18.8464, 71.7140



97.8590, 0.5625, 6.2627



59.2380, 9.7427, 95.3843



14.4250, 2.2555, 23.3063



# Previews

## White Background



This preview shows how the YUV color 167.7360, -6.7718, -68.1745 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 167.7360, -6.7718, -68.1745 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

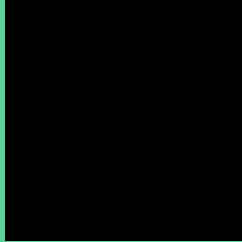
Any Text WCAG AA ✓ Pass

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 167.7360, -6.7718, -68.1745 Background



This preview shows how black text looks on a background with the YUV color 167.7360, -6.7718, -68.1745.



This preview shows how white text looks on a background with the YUV color 167.7360, -6.7718,

-68.1745.

# 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

167.7360, -6.7718, -68.1745

### Protanopia

185.8710, -21.1354, 12.3911

### Deuteranopia

188.2990, -13.4584, 23.4168



## Tritanopia

176.3160, 20.5502, -58.1591

# Trichromacy



## Original Color

167.7360, -6.7718, -68.1745



## Protanomaly

179.0630, -15.8071, -16.7183



## Deuteranomaly

180.9590, -11.3188, -9.6110



## Tritanomaly

173.3620, 10.6675, -61.7075

# Monochromacy



## Original Color

167.7360, -6.7718, -68.1745



## Achromatopsia

168.0000, 0.0000, 0.0000



## Achromatomaly

167.8630, -2.3975, -24.4359

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 167.7360, -6.7718, -68.1745 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(90, 210, 154)` looks like.

```
.text, #text, p{  
    color:rgb(90, 210, 154)  
}
```

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(90, 210, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 210, 154) }
```

## Border

The CSS property to change the border of an element to YUV 167.7360, -6.7718, -68.1745 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(90, 210, 154) }
```



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

```
.border{ border-color:rgb(90, 210, 154) }
```

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

Here you see how a box with a 4 pixel rgb(90, 210, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 210, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 210, 154);  
box-shadow:4px 4px 4px 4px rgb(90, 210,  
154) }
```

# Background

The CSS property to change the background color of an element to YUV 167.7360, -6.7718, -68.1745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 210, 154) }
```

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

```
.background{ background-color: rgb(90, 210,  
154) }
```

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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