

# Converting Colors

YUV(175.1980, 5.8184,  
-93.1356)

Have a look what the booklet for  
YUV(175.1980, 5.8184, -93.1356)  
contains.

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# Color

**YUV(175.1980, 5.8184,  
-93.1356)**

# Conversions

## Conversions Part 1

Format	Color
Hex	45E3BB
RGB	69, 227, 187
RGB Percent	27%, 89%, 73%
CMY	0.7294, 0.1098, 0.2667
CMYK	0.70, 0.00, 0.18, 0.11
HSL	165°, 74%, 58%
HSV	165°, 70%, 89%
XYZ	38.8930, 59.7912, 56.5047
YIQ	175.1980, -81.3280, -45.9360

# Conversions

## Conversions Part 2

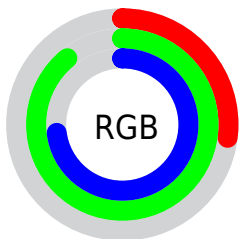
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 159, 227
Decimal	4580283
CIELab	81.72, -50.02, 7.77
CIELCh	82, 50.621, 171.170
Yxy	59.7912, 0.2506, 0.3853
Android (android.graphics.Color)	4282770363 (0xFF45E3BB)
YUV	175.1980, 5.8184, -93.1356
Hunter-Lab	77.3248, -45.5361, 10.8015

# Details

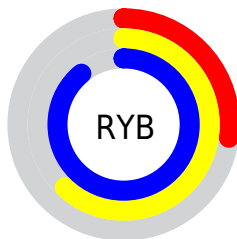
The YUV color **175.1980, 5.8184, -93.1356** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **120.8020, -5.8184, 93.1356**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.0510, 12.2999, -71.9587**, and **115.6530, 9.0451, -101.4277** is the 20% darker color. If you saturate the color by 10%, you get **167.6370, 6.5880, -106.6756**, and if you desaturate by 10%, it is **182.7590, 5.0488, -79.5956**.

# Distribution



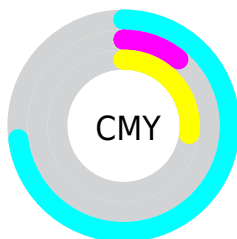
- Red (27%)
- Green (89%)
- Blue (73%)



- Red (27%)
- Yellow (62%)
- Blue (89%)



- Cyan (70%)
- Magenta (0%)
- Yellow (18%)
- Black (11%)



- Cyan (73%)
- Magenta (11%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 175.1980, 5.8184, -93.1356 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 175.1980, 5.8184, -93.1356 by changing the saturation by 10% instead.



175.1980, 5.8184,  
-93.1356

175.1980, 5.8184,  
-93.1356

255.0000, 0.0000,  
0.0000

139.2500, 10.2297,  
-108.0902

218.0510, 12.2999,  
-71.9587

115.6530, 9.0451,  
-101.4277

228.6880, 12.9718,  
-54.1004

96.3670, 6.2281,  
-84.5139

237.9570, 8.4022,  
-35.0423

78.2550, 2.8323,  
-68.6296

247.2260, 3.8326,  
-15.9842

60.3710, 0.3101,  
-52.9454

43.1880, -2.0647,  
-37.8759

28.5810, -4.7234,

-25.0655

■ 7.0440, -3.4727,  
-6.1776

■ 0.0000, 0.0000,  
0.0000

■ 175.1980, 5.8184,  
-93.1356

■ 175.1980, 5.8184,  
-93.1356

■ 167.6370, 6.5880,  
-106.6756

■ 182.7590, 5.0488,  
-79.5956

■ 160.4890, 7.6469,  
-119.7009


■ 189.9070, 3.9898,  
-66.5704

■ 152.9280, 8.4165,  
-133.2409

■ 197.4680, 3.2203,  
-53.0304

■ 152.6290, 8.5639,  
-133.8556

■ 205.0290, 2.4507,  
-39.4904

 212.2910, 1.8285,  
-26.5652

 219.7380, 0.6222,  
-12.9252

 227.2990, -0.1474,  
0.6148

 234.8600, -0.9170,  
14.1548

 236.7400, 1.1142,  
16.0140

# Harmonies

## Analogous

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



188.9710, -23.1567, -39.4396



175.1980, 5.8184, -93.1356



160.7400, 37.1032, -140.9690

# Triad

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



175.1980, 5.8184, -93.1356



199.7360, 27.2452, -12.0465



196.2520, -32.1692, 51.5220

# Complementary

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



175.1980, 5.8184, -93.1356



120.8020, -5.8184, 93.1356

# 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.



193.1810, -10.9352, 54.2153



175.1980, 5.8184, -93.1356



208.0070, 23.1675, 35.9509

# Square

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



175.1980, 5.8184, -93.1356



181.9190, 36.0289, -76.2280



198.6530, 10.0311, 49.4163



200.6190, -45.6612, 38.9221

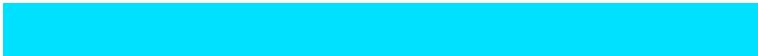


# Rectangle

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



175.1980, 5.8184, -93.1356



161.1450, 46.2705, -141.3242



198.6530, 10.0311, 49.4163



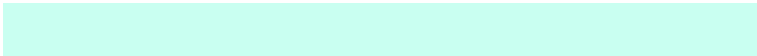
194.6850, -25.4807, 52.8963

# Sweetspot

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



175.1980, 5.8184, -93.1356



237.2580, 1.8448, -31.7983



174.3040, -51.9149, -55.5176



117.4060, 0.7858, -18.7731



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.



175.1980, 5.8184, -93.1356



184.8580, 7.9580, -126.1635



158.0390, 33.9978, -78.0872



111.0700, 0.4585, -7.0774



120.2350, 6.2931, -105.4461



34.2690, 1.8394, -30.0539



# Inverse Universe

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



120.8020, -5.8184, 93.1356



111.1420, -7.9580, 126.1635



137.9610, -33.9978, 78.0872



106.9300, -0.4585, 7.0774



58.6510, -6.7299, 105.5461

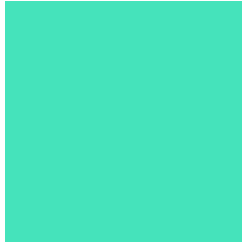


16.7310, -1.8394, 30.0539



# Previews

## White Background



This preview shows how the YUV color 175.1980, 5.8184, -93.1356 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 175.1980, 5.8184, -93.1356 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

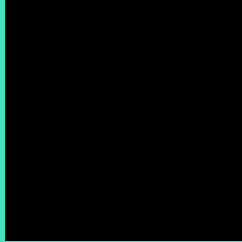
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

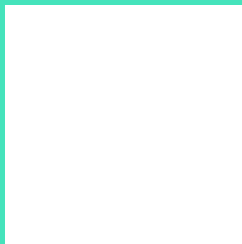
Any Text WCAG AAA ✓ Pass

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

# YUV 175.1980, 5.8184, -93.1356 Background



This preview shows how black text looks on a background with the YUV color 175.1980, 5.8184, -93.1356.



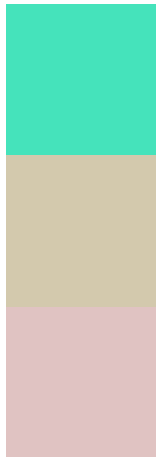
This preview shows how white text looks on a background with the YUV color 175.1980, 5.8184,

-93.1356.

# 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

175.1980, 5.8184, -93.1356

### Protanopia

200.7980, -13.7044, 8.9472

### Deuteranopia

203.5570, -4.7116, 17.9285



## Tritanopia

184.0790, 26.5831, -79.8763

# Trichromacy



## Original Color

175.1980, 5.8184, -93.1356



## Protanomaly

191.1030, -6.4598, -28.1543



## Deuteranomaly

193.5150, -1.2399, -22.3767



## Tritanomaly

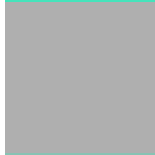
180.9830, 18.7424, -85.0541

# Monochromacy



## Original Color

175.1980, 5.8184, -93.1356



## Achromatopsia

175.0000, 0.0000, 0.0000



## Achromatomaly

174.9480, 1.9976, -34.1574

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 175.1980, 5.8184, -93.1356 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(69, 227, 187)` looks like.

```
.text, #text, p{  
    color:rgb(69, 227, 187)  
}
```

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(69, 227, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 227, 187) }
```

## Border

The CSS property to change the border of an element to YUV 175.1980, 5.8184, -93.1356 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(69, 227, 187) }
```



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

```
.border{ border-color:rgb(69, 227, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 227, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 227, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 227, 187);  
box-shadow:4px 4px 4px 4px rgb(69, 227,  
187) }
```

# Background

The CSS property to change the background color of an element to YUV 175.1980, 5.8184, -93.1356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 227, 187) }
```

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

```
.background{ background-color: rgb(69, 227,  
187) }
```

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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