

# Converting Colors

YUV(125.1960, 35.8924,  
-79.1019)

Have a look what the booklet for  
YUV(125.1960, 35.8924, -79.1019)  
contains.

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# Color

**YUV(125.1960, 35.8924,  
-79.1019)**

# Conversions

## Conversions Part 1

Format	Color
Hex	239DC6
RGB	35, 157, 198
RGB Percent	14%, 62%, 78%
CMY	0.8627, 0.3843, 0.2235
CMYK	0.82, 0.21, 0.00, 0.22
HSL	195°, 70%, 46%
HSV	195°, 82%, 78%
XYZ	22.9431, 28.5485, 57.7273
YIQ	125.1960, -85.8730, -13.1130

# Conversions

## Conversions Part 2

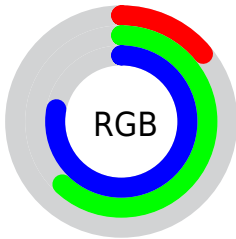
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	35, 105, 198
Decimal	2334150
CIE <sub>Lab</sub>	60.38, -17.91, -30.18
CIE <sub>LCh</sub>	60, 35.093, 239.316
Yxy	28.5485, 0.2101, 0.2614
Android (android.graphics.Color)	4280524230 (0xFF239DC6)
YUV	125.1960, 35.8924, -79.1019
Hunter-Lab	53.4308, -16.8561, -26.6561

# Details

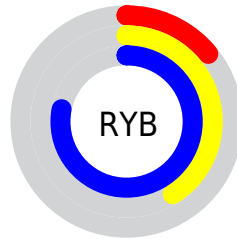
The YUV color **125.1960, 35.8924, -79.1019** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark muted azure. A complement of this color would be **107.8040, -35.8924, 79.1019**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.1050, 33.9652, -67.6211**, and **78.6380, 32.2235, -68.9655** is the 20% darker color. If you saturate the color by 10%, you get **116.2810, 40.2875, -88.8234**, and if you desaturate by 10%, it is **134.1110, 31.4973, -69.3803**.

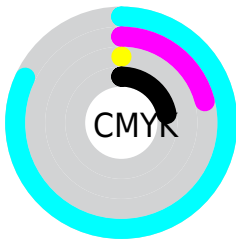
# Distribution



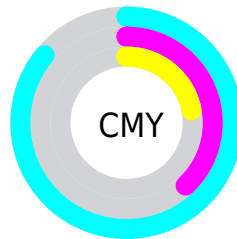
- Red (14%)
- Green (62%)
- Blue (78%)



- Red (14%)
- Yellow (41%)
- Blue (78%)



- Cyan (82%)
- Magenta (21%)
- Yellow (0%)
- Black (22%)



- Cyan (86%)
- Magenta (38%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 125.1960, 35.8924, -79.1019 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 125.1960, 35.8924, -79.1019 by changing the saturation by 10% instead.



■ 125.1960, 35.8924,  
-79.1019

■ 125.1960, 35.8924,  
-79.1019

■ 255.0000, 0.0000,  
0.0000

■ 96.3910, 36.7822,  
-84.5349

■ 186.1050, 33.9652,  
-67.6211

■ 78.6380, 32.2235,  
-68.9655

■ 211.8100, 21.2927,  
-62.9774

■ 60.9990, 28.1015,  
-53.4961

■ 229.5850, 12.5296,  
-52.2560

■ 44.6480, 23.8375,  
-39.1563

■ 238.5550, 8.1074,  
-33.8127

■ 29.5850, 19.4316,  
-25.9460

■ 247.8240, 3.5378,  
-14.7546

■ 8.8800, 18.7932,  
-7.7878

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,  
0.0000

■ 125.1960, 35.8924,  
-79.1019

■ 125.1960, 35.8924,  
-79.1019

■ 116.2810, 40.2875,  
-88.8234

■ 134.1110, 31.4973,  
-69.3803

■ 109.4480, 43.6561,  
-95.9859

■ 143.0260, 27.1022,  
-59.6588

■ 151.6420, 22.8545,  
-50.5520

■ 160.5570, 18.4594,  
-40.8305

■ 169.4720, 14.0643,  
-31.1089

■ 178.3870, 9.6692,  
-21.3874

■ 187.3020, 5.2741,  
-11.6659

■ 195.9180, 1.0264,  
-2.5591

■ 204.8330, -3.3687,  
7.1625

# Harmonies

## Analogous

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



114.4570, 29.8477, -100.3788



125.1960, 35.8924, -79.1019



140.3630, 32.8520, -37.1524

# Triad

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



125.1960, 35.8924, -79.1019



148.4820, -0.7306, 47.8123



140.1370, -24.7175, -5.3821

# Complementary

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



125.1960, 35.8924, -79.1019



107.8040, -35.8924, 79.1019

# 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.



143.0370, -29.5982, 20.1386



125.1960, 35.8924, -79.1019



147.4210, -14.9976, 50.4968

# Square

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



125.1960, 35.8924, -79.1019



149.8570, 13.8745, 29.9434



145.7820, -26.0215, 39.6562



135.2180, -10.9535, -33.5172



# Rectangle

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



125.1960, 35.8924, -79.1019



146.3770, 28.4081, -11.7316



145.7820, -26.0215, 39.6562



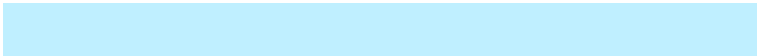
141.5080, -27.3654, 3.9395

# Sweetspot

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



125.1960, 35.8924, -79.1019



226.4720, 14.0643, -31.1089



135.3550, -29.2620, -88.0113



110.4690, 8.6428, -18.8283



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

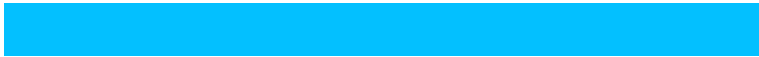


# Same Dimension

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



125.1960, 35.8924, -79.1019



142.6710, 55.3782, -122.4915



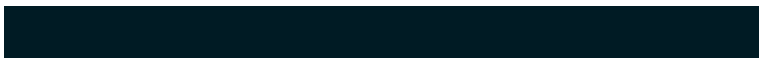
77.6490, 59.3330, -37.4032



95.1350, 1.9054, -4.5034



90.1960, 35.8924, -79.1019



19.9530, 7.9112, -17.4988



# Inverse Universe

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



97.6450, 29.2620, 88.0113



99.8940, 45.4083, 136.0280



155.3510, -59.3330, 37.4032



93.4890, 1.7309, 4.8331



62.6450, 29.2620, 88.0113



13.8420, 6.4869, 19.4326



# Previews

## White Background



This preview shows how the YUV color 125.1960, 35.8924, -79.1019 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 125.1960, 35.8924, -79.1019 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

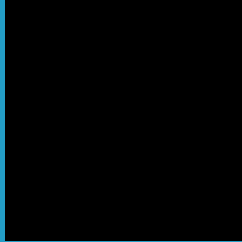
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 125.1960, 35.8924, -79.1019 Background



This preview shows how black text looks on a background with the YUV color 125.1960, 35.8924, -79.1019.



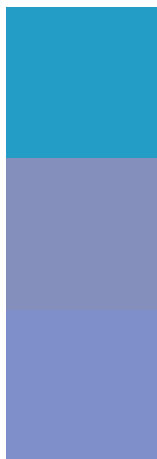
This preview shows how white text looks on a background with the YUV color 125.1960, 35.8924, -79.1019.



# 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

125.1960, 35.8924, -79.1019

### Protanopia

145.0260, 20.6932, -10.5468

### Deuteranopia

144.5290, 27.8402, -16.2499

# Trichromacy



## Original Color

125.1960, 35.8924, -79.1019

## Protanomaly

137.6530, 26.3001, -35.6527

## Deuteranomaly

137.4830, 30.8209, -39.0116

# Monochromacy



## Original Color

125.1960, 35.8924, -79.1019

## Achromatopsia

125.0000, 0.0000, 0.0000

## Achromatomaly

125.2550, 13.1853, -29.1646

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 125.1960, 35.8924, -79.1019 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(35, 157, 198)` looks like.

```
.text, #text, p{  
    color:rgb(35, 157, 198)  
}
```

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(35, 157, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 157, 198) }
```

## Border

The CSS property to change the border of an element to YUV 125.1960, 35.8924, -79.1019 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(35, 157, 198) }
```

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

```
.border{ border-color:rgb(35, 157, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 157, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 157, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 157, 198);  
box-shadow:4px 4px 4px 4px rgb(35, 157,  
198) }
```



# Background

The CSS property to change the background color of an element to YUV 125.1960, 35.8924, -79.1019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 157, 198) }
```

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

```
.background{ background-color: rgb(35, 157,  
198) }
```

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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