

# Converting Colors

YUV(160.0390, 40.4068,  
-127.1992)

Have a look what the booklet for  
YUV(160.0390, 40.4068, -127.1992)  
contains.

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# Color

**YUV(160.0390, 40.4068,  
-127.1992)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0FDAF2
RGB	15, 218, 242
RGB Percent	6%, 85%, 95%
CMY	0.9412, 0.1451, 0.0510
CMYK	0.94, 0.10, 0.00, 0.05
HSL	186°, 90%, 50%
HSV	186°, 94%, 95%
XYZ	41.2954, 56.6552, 92.7634
YIQ	160.0390, -128.6920, -35.5720

# Conversions

## Conversions Part 2

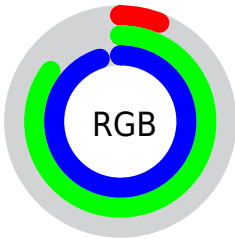
Format	Color
<a href="#">RYB</a>	<a href="#">15, 122, 242</a>
Decimal	<a href="#">1039090</a>
CIELab	<a href="#">79.99, -35.03, -24.11</a>
CIElCh	<a href="#">80, 42.526, 214.533</a>
Yxy	<a href="#">56.6552, 0.2165, 0.2971</a>
Android (android.graphics.Color)	<a href="#">4279229170 (0xFF0FDAF2)</a>
YUV	<a href="#">160.0390, 40.4068, -127.1992</a>
Hunter-Lab	<a href="#">75.2696, -33.7908, -20.3812</a>

# Details

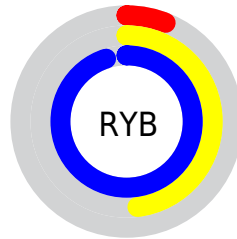
The YUV color **160.0390, 40.4068, -127.1992** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light saturated cyan. A complement of this color would be **96.9610, -40.4068, 127.1992**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4390, 20.4896, -85.4540**, and **116.8850, 34.0737, -102.5081** is the 20% darker color. If you saturate the color by 10%, you get **154.3800, 43.1967, -135.3913**, and if you desaturate by 10%, it is **168.9760, 36.0008, -113.9890**.

# Distribution



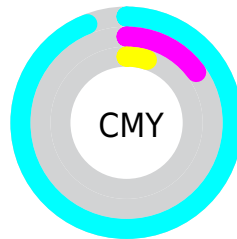
- Red (6%)
- Green (85%)
- Blue (95%)



- Red (6%)
- Yellow (48%)
- Blue (95%)



- Cyan (94%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (94%)
- Magenta (15%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 160.0390, 40.4068, -127.1992 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 160.0390, 40.4068, -127.1992 by changing the saturation by 10% instead.



160.0390, 40.4068,  
-127.1992

160.0390, 40.4068,  
-127.1992

255.0000, 0.0000,  
0.0000

135.9260, 38.4905,  
-119.2071

213.4390, 20.4896,  
-85.4540

116.8850, 34.0737,  
-102.5081

223.9040, 15.3303,  
-63.9368

97.9580, 30.0937,  
-85.9092

233.4720, 10.6133,  
-44.2639

79.7320, 26.2611,  
-69.9250

243.0400, 5.8963,  
-24.5911

62.0930, 22.1392,  
-54.4556

252.6080, 1.1793,  
-4.9182

45.2690, 18.6014,  
-39.7009

30.3200, 14.6322,

-26.5906

■ 6.2070, 16.1669,  
-5.4435

■ 2.4110, 6.6994,  
-2.1144

■ 160.0390, 40.4068,  
-127.1992

■ 160.0390, 40.4068,  
-127.1992

■ 154.3800, 43.1967,  
-135.3913

■ 168.9760, 36.0008,  
-113.9890

■ 177.3260, 31.8843,  
-100.2639

■ 186.5620, 27.3309,  
-86.4389

■ 194.9120, 23.2144,  
-72.7138

■ 203.8490, 18.8084,  
-59.5036

■ 212.1990, 14.6919,  
-45.7785

■ 221.1360, 10.2860,  
-32.5683

■ 229.7850, 6.0220,  
-18.2284

■ 238.7220, 1.6161,  
-5.0182

# Harmonies

## Analogous

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



173.8100, 14.3907, -89.2874



160.0390, 40.4068, -127.1992



177.1350, 38.3874, -86.0644

# Triad

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



160.0390, 40.4068, -127.1992



203.7600, 14.4153, 43.1835



195.1590, -38.0394, 20.9086

# Complementary

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



160.0390, 40.4068, -127.1992



96.9610, -40.4068, 127.1992

# 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.



197.8340, -34.9212, 47.5036



160.0390, 40.4068, -127.1992



196.3900, -1.1783, 51.4010

# Square

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



160.0390, 40.4068, -127.1992



201.3410, 26.4539, 8.4709



194.8790, -19.6603, 52.7261



190.3550, -28.7690, -12.5893

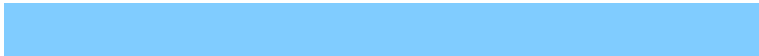


# Rectangle

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



160.0390, 40.4068, -127.1992



187.0900, 33.4796, -51.8219



194.8790, -19.6603, 52.7261



195.9260, -37.9245, 30.7599

# Sweetspot

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



160.0390, 40.4068, -127.1992



229.0750, 12.7810, -39.5308



150.8710, -55.6454, -119.1589



111.9090, 7.9329, -24.4762



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.



160.0390, 40.4068, -127.1992



162.9060, 45.4023, -142.8686



94.2950, 72.8186, -69.5417



115.8250, 2.0583, -6.8625



117.2440, 32.9107, -102.8230



35.7340, 9.9911, -31.3387



# Inverse Universe

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



106.0150, 55.2086, 119.2588



102.2370, 62.0012, 133.9732



162.7050, -72.8186, 69.5417



112.8420, 3.0359, 6.2776



73.7120, 44.5120, 96.7226

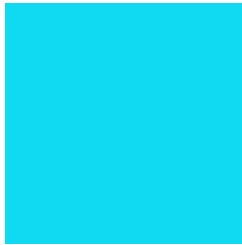


22.4440, 13.5851, 29.4286



# Previews

## White Background



This preview shows how the YUV color 160.0390, 40.4068, -127.1992 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

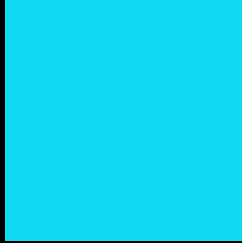
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 160.0390, 40.4068, -127.1992 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

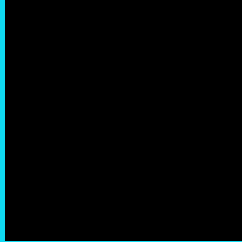
Any Text WCAG AA ✓ Pass

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 160.0390, 40.4068, -127.1992 Background



This preview shows how black text looks on a background with the YUV color 160.0390, 40.4068, -127.1992.



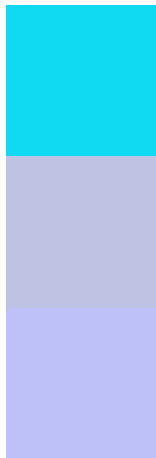
This preview shows how white text looks on a background with the YUV color 160.0390, 40.4068, -127.1992.



# 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

160.0390, 40.4068, -127.1992

### Protanopia

197.4520, 14.5672, -5.6584

### Deuteranopia

198.0740, 24.6135, -7.9579



## Tritanopia

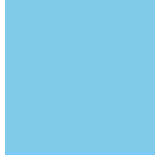
155.4570, 39.7077, -136.3358

# Trichromacy



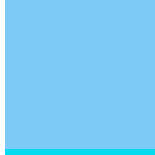
## Original Color

160.0390, 40.4068, -127.1992



## Protanomaly

183.5820, 23.8701, -49.6224



## Deuteranomaly

184.2920, 30.4220, -51.1221



## Tritanomaly

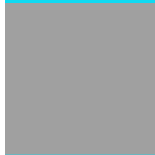
157.1800, 39.8443, -133.4619

# Monochromacy



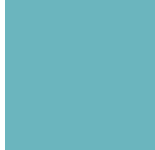
## Original Color

160.0390, 40.4068, -127.1992



## Achromatopsia

160.0000, 0.0000, 0.0000



## Achromatomaly

159.9000, 14.8393, -46.3933

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 160.0390, 40.4068, -127.1992 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(15, 218, 242)` looks like.

```
.text, #text, p{  
    color:rgb(15, 218, 242)  
}
```

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(15, 218, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 218, 242) }
```

## Border

The CSS property to change the border of an element to YUV 160.0390, 40.4068, -127.1992 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(15, 218, 242) }
```



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

```
.border{ border-color:rgb(15, 218, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 218, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 218, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 218, 242);  
box-shadow:4px 4px 4px 4px rgb(15, 218,  
242) }
```

# Background

The CSS property to change the background color of an element to YUV 160.0390, 40.4068, -127.1992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 218, 242) }
```

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

```
.background{ background-color: rgb(15, 218,  
242) }
```

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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