

# Converting Colors

YUV(175.4160, 31.8399,  
-132.7918)

Have a look what the booklet for  
YUV(175.4160, 31.8399, -132.7918)  
contains.

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# Color

**YUV(175.4160, 31.8399,  
-132.7918)**

# Conversions

## Conversions Part 1

Format	Color
Hex	18F0F0
RGB	24, 240, 240
RGB Percent	9%, 94%, 94%
CMY	0.9059, 0.0588, 0.0588
CMYK	0.90, 0.00, 0.00, 0.06
HSL	180°, 88%, 52%
HSV	180°, 90%, 94%
XYZ	47.2650, 68.8056, 93.2278
YIQ	175.4160, -128.7360, -45.7920

# Conversions

## Conversions Part 2

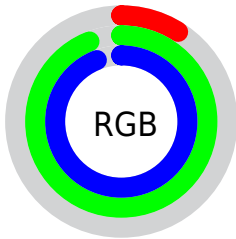
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	24, 132, 240
Decimal	1634544
CIE Lab	86.41, -45.28, -13.35
CIE LCh	86, 47.210, 196.426
Yxy	68.8056, 0.2258, 0.3287
Android (android.graphics.Color)	4279824624 (0xFF18F0F0)
YUV	175.4160, 31.8399, -132.7918
Hunter-Lab	82.9492, -43.4506, -8.5725

# Details

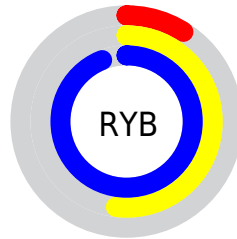
The YUV color **175.4160, 31.8399, -132.7918** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **88.5840, -31.8399, 132.7918**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.9340, 19.7525, -82.3801**, and **128.3970, 27.4123, -112.6042** is the 20% darker color. If you saturate the color by 10%, you get **168.2400, 35.3777, -147.5465**, and if you desaturate by 10%, it is **182.5920, 28.3021, -118.0372**.

# Distribution



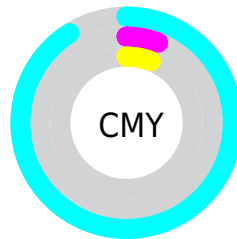
- Red (9%)
- Green (94%)
- Blue (94%)



- Red (9%)
- Yellow (52%)
- Blue (94%)



- Cyan (90%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (91%)
- Magenta (6%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 175.4160, 31.8399, -132.7918 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 175.4160, 31.8399, -132.7918 by changing the saturation by 10% instead.



175.4160, 31.8399,  
-132.7918

175.4160, 31.8399,  
-132.7918

255.0000, 0.0000,  
0.0000

148.0250, 31.5397,  
-129.8179

214.9340, 19.7525,  
-82.3801

128.3970, 27.4123,  
-112.6042

225.3990, 14.5933,  
-60.8629

109.4700, 23.4323,  
-96.0052

235.2660, 9.7289,  
-40.5753

90.6570, 19.8891,  
-79.5062

244.8340, 5.0118,  
-20.9024

72.5450, 16.4933,  
-63.6220

254.4020, 0.2948,  
-1.2296

55.1340, 13.2449,  
-48.3525

38.4240, 10.1440,

-33.6978

■ 23.0020, 6.9010,  
-20.1728

■ 2.4110, 6.6994,  
-2.1144

■ 175.4160, 31.8399,  
-132.7918

■ 175.4160, 31.8399,  
-132.7918

■ 168.2400, 35.3777,  
-147.5465

■ 182.5920, 28.3021,  
-118.0372

■ 189.7680, 24.7644,  
-103.2825

■ 196.9440, 21.2266,  
-88.5279

■ 204.1200, 17.6888,  
-73.7732

■ 211.2960, 14.1511,  
-59.0186

■ 218.4720, 10.6133,  
-44.2639

■ 225.6480, 7.0755,  
-29.5093

■ 232.8240, 3.5378,  
-14.7546

■ 240.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



195.5980, -0.7878, -74.1924



175.4160, 31.8399, -132.7918



167.6020, 43.0872, -146.9870

# Triad

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



175.4160, 31.8399, -132.7918



219.4700, 17.5163, 28.5288



212.4600, -41.1458, 37.3076

# Complementary

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



175.4160, 31.8399, -132.7918



88.5840, -31.8399, 132.7918

# 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.



205.8040, -26.0324, 43.1449



175.4160, 31.8399, -132.7918



210.9120, 13.8474, 38.6652

# Square

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



175.4160, 31.8399, -132.7918



210.6230, 21.8779, -17.2094



205.0810, -5.9559, 43.7790



210.5120, -40.1854, 9.1980



# Rectangle

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



175.4160, 31.8399, -132.7918



188.0000, 33.0310, -94.7160



205.0810, -5.9559, 43.7790



209.6220, -36.7886, 39.7965

# Sweetspot

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



175.4160, 31.8399, -132.7918



234.3690, 10.1711, -42.4196



150.7920, -62.5085, -111.1966



115.7410, 6.0437, -25.2059



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.



175.4160, 31.8399, -132.7918



178.7550, 37.5888, -156.7681



112.0200, 63.0941, -77.1935



116.4120, 1.7689, -7.3773



128.9840, 27.1229, -113.1190



39.2560, 8.2548, -34.4275



# Inverse Universe

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



113.2080, 62.5085, 111.1966



105.3150, 73.7947, 131.2737



151.9800, -63.0941, 77.1935



112.9560, 3.4727, 6.1776



75.9920, 53.2479, 94.7230

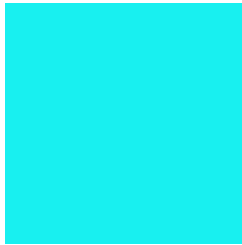


23.1280, 16.2059, 28.8287



# Previews

## White Background



This preview shows how the YUV color 175.4160, 31.8399, -132.7918 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

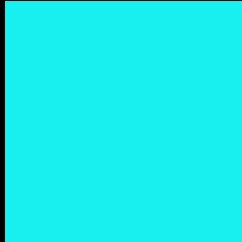
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 175.4160, 31.8399, -132.7918 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

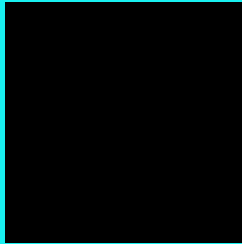
Any Text WCAG AA ✓ Pass

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 175.4160, 31.8399, -132.7918 Background



This preview shows how black text looks on a background with the YUV color 175.4160, 31.8399, -132.7918.



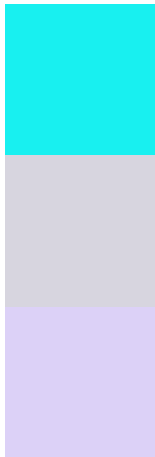
This preview shows how white text looks on a background with the YUV color 175.4160, 31.8399, -132.7918.

-132.7918.

# 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

175.4160, 31.8399, -132.7918

### Protanopia

214.7380, 4.0732, 0.2298

### Deuteranopia

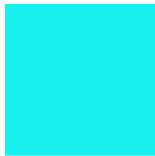
216.6210, 14.9768, 2.9634



## Tritanopia

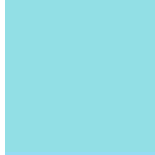
188.2330, 32.9161, -104.5673

# Trichromacy



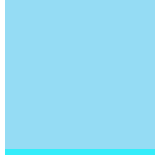
## Original Color

175.4160, 31.8399, -132.7918



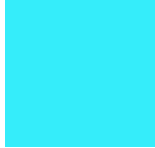
## Protanomaly

200.6610, 13.9711, -47.9377



## Deuteranomaly

201.5070, 20.9490, -46.0486



## Tritanomaly

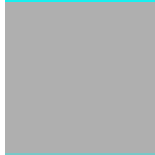
183.4660, 32.8013, -114.4187

# Monochromacy



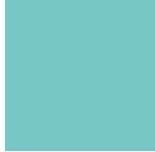
## Original Color

175.4160, 31.8399, -132.7918



## Achromatopsia

175.0000, 0.0000, 0.0000



## Achromatomaly

175.3790, 11.6452, -48.5674

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 175.4160, 31.8399, -132.7918 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(24, 240, 240)` looks like.

```
.text, #text, p{  
    color:rgb(24, 240, 240)  
}
```

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(24, 240, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 240, 240) }
```

## Border

The CSS property to change the border of an element to YUV 175.4160, 31.8399, -132.7918 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(24, 240, 240) }
```



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

```
.border{ border-color:rgb(24, 240, 240) }
```

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

Here you see how a box with a 4 pixel rgb(24, 240, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 240, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 240, 240);  
box-shadow:4px 4px 4px 4px rgb(24, 240,  
240) }
```

# Background

The CSS property to change the background color of an element to YUV 175.4160, 31.8399, -132.7918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 240, 240) }
```

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

```
.background{ background-color: rgb(24, 240,  
240) }
```

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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