

# Converting Colors

YUV(141.4330, 36.2685,  
-106.4967)

Have a look what the booklet for  
YUV(141.4330, 36.2685, -106.4967)  
contains.

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# Color

**YUV(141.4330, 36.2685,  
-106.4967)**

# Conversions

## Conversions Part 1

Format	Color
Hex	14BDD7
RGB	20, 189, 215
RGB Percent	8%, 74%, 84%
CMY	0.9216, 0.2588, 0.1569
CMYK	0.91, 0.12, 0.00, 0.16
HSL	188°, 83%, 46%
HSV	188°, 91%, 84%
XYZ	30.7518, 41.4502, 70.6699
YIQ	141.4330, -109.0700, -27.7420

# Conversions

## Conversions Part 2

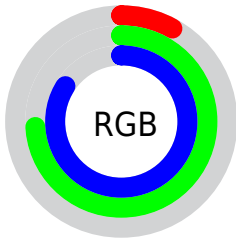
Format	Color
R <sub>Y</sub> B	20, 111, 215
Decimal	1359319
CIE Lab	70.49, -29.55, -24.04
CIE LCh	70, 38.095, 219.132
Yxy	41.4502, 0.2152, 0.2901
Android (android.graphics.Color)	4279549399 (0xFF14BDD7)
YUV	141.4330, 36.2685, -106.4967
Hunter-Lab	64.3818, -27.4081, -20.0134

# Details

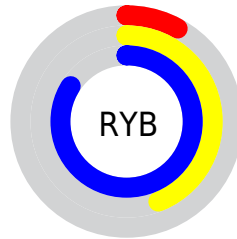
The YUV color **141.4330, 36.2685, -106.4967** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **93.5670, -36.2685, 106.4967**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.3620, 23.9785, -84.5095**, and **97.4850, 30.8199, -85.4943** is the 20% darker color. If you saturate the color by 10%, you get **133.6920, 40.0848, -117.2479**, and if you desaturate by 10%, it is **149.7720, 32.1574, -94.5160**.

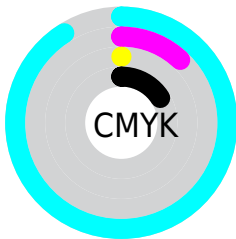
# Distribution



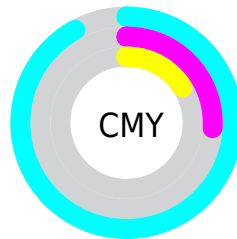
- Red (8%)
- Green (74%)
- Blue (84%)



- Red (8%)
- Yellow (44%)
- Blue (84%)



- Cyan (91%)
- Magenta (12%)
- Yellow (0%)
- Black (16%)



- Cyan (92%)
- Magenta (26%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 141.4330, 36.2685, -106.4967 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 141.4330, 36.2685, -106.4967 by changing the saturation by 10% instead.



■ 141.4330, 36.2685,  
-106.4967

■ 141.4330, 36.2685,  
-106.4967

■ 255.0000, 0.0000,  
0.0000

■ 116.4120, 34.7999,  
-102.0933

■ 206.3620, 23.9785,  
-84.5095

■ 97.4850, 30.8199,  
-85.4943

■ 221.2130, 16.6570,  
-69.4698

■ 79.8460, 26.6979,  
-70.0249

■ 230.7810, 11.9400,  
-49.7969

■ 62.3210, 23.0127,  
-54.6555

■ 240.0500, 7.3704,  
-30.7388

■ 45.3830, 19.0382,  
-39.8009

■ 249.3190, 2.8007,  
-11.6808

■ 29.8470, 15.3584,  
-26.1758

■ 7.9680, 15.2988,

-6.9879

■ 2.5250, 7.1362,  
-2.2144

■ 0.0000, 0.0000,  
0.0000

■ 141.4330, 36.2685,  
-106.4967

■ 141.4330, 36.2685,  
-106.4967

■ 133.6920, 40.0848,  
-117.2479

■ 149.7720, 32.1574,  
-94.5160

■ 157.8120, 28.1937,  
-83.1501

■ 166.1510, 24.0826,  
-71.1694

■ 173.6040, 20.4082,  
-59.2887

■ 181.6440, 16.4445,  
-47.9228

■ 189.9830, 12.3334,  
-35.9421

■ 198.3220, 8.2223,  
-23.9614

■ 206.3620, 4.2585,  
-12.5955

■ 214.7010, 0.1474,  
-0.6148

# Harmonies

## Analogous

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



149.0110, 16.2636, -83.3246



141.4330, 36.2685, -106.4967



157.9460, 38.4806, -69.2356

# Triad

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



141.4330, 36.2685, -106.4967



177.0110, 10.3476, 41.2094



169.1950, -32.6341, 13.8610

# Complementary

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



141.4330, 36.2685, -106.4967



93.5670, -36.2685, 106.4967

# 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.



171.9900, -31.5471, 38.5968



141.4330, 36.2685, -106.4967



175.4570, -6.1413, 56.6042

# Square

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



141.4330, 36.2685, -106.4967



176.4940, 24.4065, 11.8448



174.0210, -21.7024, 54.3556



164.7120, -23.5220, -15.5334



# Rectangle

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



141.4330, 36.2685, -106.4967



166.6660, 36.6467, -40.9261



174.0210, -21.7024, 54.3556



170.1360, -33.0980, 22.6827

# Sweetspot

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



141.4330, 36.2685, -106.4967



229.0860, 12.7756, -37.7864



137.4290, -45.0745, -102.9852



112.2190, 7.7800, -22.1171



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.



141.4330, 36.2685, -106.4967



158.7970, 47.4281, -139.2650



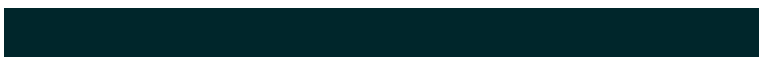
84.4940, 64.3395, -56.5612



103.1240, 1.9109, -6.2477



106.3700, 31.8626, -93.2865



27.2080, 7.7855, -23.8614



# Inverse Universe

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



97.5710, 45.0745, 102.9852



101.4390, 58.9436, 134.6730



151.0930, -64.6288, 56.0464



100.4290, 2.7465, 5.7628



68.0010, 39.4395, 90.3301

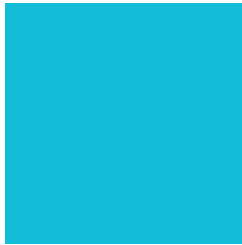


17.1890, 10.2598, 22.6362



# Previews

## White Background



This preview shows how the YUV color 141.4330, 36.2685, -106.4967 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 141.4330, 36.2685, -106.4967 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

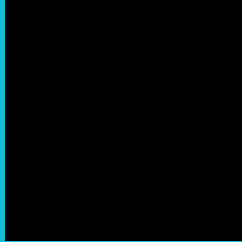
Any Text WCAG AA ✓ Pass

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 141.4330, 36.2685, -106.4967 Background



This preview shows how black text looks on a background with the YUV color 141.4330, 36.2685, -106.4967.



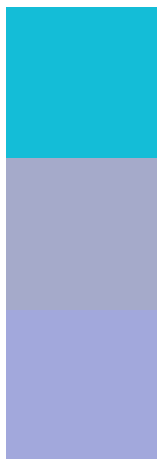
This preview shows how white text looks on a background with the YUV color 141.4330, 36.2685, -106.4967.



# 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

141.4330, 36.2685, -106.4967

### Protanopia

172.1530, 14.7146, -6.2732

### Deuteranopia

172.1340, 23.5979, -8.8875



## Tritanopia

135.0140, 34.9961, -118.4073

# Trichromacy



## Original Color

141.4330, 36.2685, -106.4967

## Protanomaly

160.9850, 22.6854, -42.9598

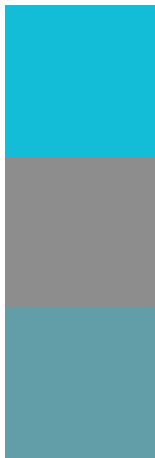
## Deuteranomaly

161.0540, 28.0744, -44.7744

## Tritanomaly

137.4490, 35.2746, -114.4038

# Monochromacy



## Original Color

141.4330, 36.2685, -106.4967

## Achromatopsia

141.0000, 0.0000, 0.0000

## Achromatomaly

140.9010, 13.3598, -38.5012

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 141.4330, 36.2685, -106.4967 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(20, 189, 215)` looks like.

```
.text, #text, p{  
    color:rgb(20, 189, 215)  
}
```

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(20, 189, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 189, 215) }
```

## Border

The CSS property to change the border of an element to YUV 141.4330, 36.2685, -106.4967 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(20, 189, 215) }
```



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

```
.border{ border-color:rgb(20, 189, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 189, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 189, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 189, 215);  
box-shadow:4px 4px 4px 4px rgb(20, 189,  
215) }
```

# Background

The CSS property to change the background color of an element to YUV 141.4330, 36.2685, -106.4967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 189, 215) }
```

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

```
.background{ background-color: rgb(20, 189,  
215) }
```

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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