

# Converting Colors

YUV(121.1540, 42.8151,  
-106.2521)

Have a look what the booklet for  
YUV(121.1540, 42.8151, -106.2521)  
contains.

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# Color

**YUV(121.1540, 42.8151,  
-106.2521)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A6D0
RGB	0, 166, 208
RGB Percent	0%, 65%, 82%
CMY	1.0000, 0.3490, 0.1843
CMYK	1.00, 0.20, 0.00, 0.18
HSL	192°, 100%, 41%
HSV	192°, 100%, 82%
XYZ	25.0214, 31.8265, 64.4989
YIQ	121.1540, -112.4180, -22.1300

# Conversions

## Conversions Part 2

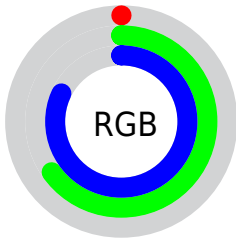
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 92, 208
Decimal	42704
CIELab	63.20, -20.93, -31.42
CIELCh	63, 37.749, 236.335
Yxy	31.8265, 0.2062, 0.2623
Android (android.graphics.Color)	4278232784 (0xFF00A6D0)
YUV	121.1540, 42.8151, -106.2521
Hunter-Lab	56.4150, -19.5572, -28.2954

# Details

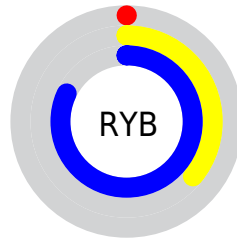
The YUV color **121.1540, 42.8151, -106.2521** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **86.8460, -42.8151, 106.2521**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.2950, 32.3926, -76.5577**, and **84.3600, 33.8395, -73.9837** is the 20% darker color. If you saturate the color by 10%, you get **121.1540, 42.8151, -106.2521**, and if you desaturate by 10%, it is **129.7810, 38.5620, -95.4009**.

# Distribution



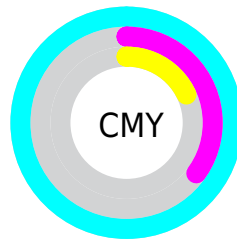
- Red (0%)
- Green (65%)
- Blue (82%)



- Red (0%)
- Yellow (36%)
- Blue (82%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (35%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 121.1540, 42.8151, -106.2521 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 121.1540, 42.8151, -106.2521 by changing the saturation by 10% instead.



■ 121.1540, 42.8151,  
-106.2521

■ 121.1540, 42.8151,  
-106.2521

■ 255.0000, 0.0000,  
0.0000

■ 102.7000, 38.1089,  
-90.0679

■ 189.2950, 32.3926,  
-76.5577

■ 84.3600, 33.8395,  
-73.9837

■ 215.8860, 19.2832,  
-71.8140

■ 66.7210, 29.7175,  
-58.5143

■ 228.3890, 13.1192,  
-54.7152

■ 50.3700, 25.4536,  
-44.1745

■ 237.6580, 8.5496,  
-35.6571

■ 34.1330, 21.6264,  
-29.9346

■ 246.6280, 4.1274,  
-17.2138

■ 19.1840, 17.6573,  
-16.8244

■ 4.9360, 13.8356,

-4.3289

■ 0.6840, 2.6208,  
-0.5999

■ 0.0000, 0.0000,  
0.0000

■ 121.1540, 42.8151,  
-106.2521

■ 129.7810, 38.5620,  
-95.4009

■ 138.4080, 34.3089,  
-84.5498

■ 147.3230, 29.9138,  
-74.8283

■ 155.9500, 25.6607,  
-63.9771

■ 164.5770, 21.4075,  
-53.1260

■ 173.2040, 17.1544,  
-42.2749

■ 181.8310, 12.9013,  
-31.4238

■ 190.7460, 8.5062,  
-21.7022

■ 199.3730, 4.2531,  
-10.8511

# Harmonies

## Analogous

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



120.5380, 30.3008, -105.7118



121.1540, 42.8151, -106.2521



145.9320, 36.5155, -45.5444

# Triad

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



121.1540, 42.8151, -106.2521



156.5470, 0.7163, 50.3863



147.3500, -27.7805, -2.9379

# Complementary

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



121.1540, 42.8151, -106.2521



86.8460, -42.8151, 106.2521

# 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.



150.9620, -32.5193, 23.7123



121.1540, 42.8151, -106.2521



154.2690, -14.4296, 55.0151

# Square

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



121.1540, 42.8151, -106.2521



157.5410, 16.4953, 29.3435



153.1740, -27.2008, 44.5744



142.2350, -13.4269, -33.5321



# Rectangle

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



121.1540, 42.8151, -106.2521



152.5550, 31.7714, -17.1497



153.1740, -27.2008, 44.5744



148.7210, -30.4285, 6.3837

# Sweetspot

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



121.1540, 42.8151, -106.2521



223.4710, 15.5438, -39.0011



126.8840, -41.8478, -111.2773



108.3760, 9.6746, -23.1318



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.



121.1540, 42.8151, -106.2521



148.8180, 52.3477, -130.5134



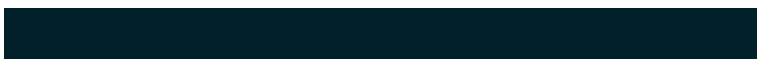
60.1060, 72.9117, -52.7130



99.9500, 2.4897, -5.2181



97.8100, 34.6037, -85.7794



24.0450, 8.3588, -21.0875



# Inverse Universe

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



81.1160, 41.8478, 111.2773



99.5010, 51.5180, 136.3726



147.8940, -72.9117, 52.7130



98.2010, 1.8729, 5.9627



65.5080, 33.7666, 89.8855



16.0210, 8.3706, 21.9066



# Previews

## White Background



This preview shows how the YUV color 121.1540, 42.8151, -106.2521 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 121.1540, 42.8151, -106.2521 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

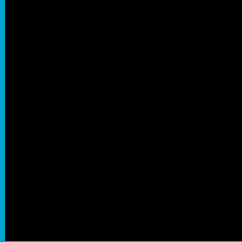
Any Text WCAG AA ✓ Pass

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 121.1540, 42.8151, -106.2521 Background



This preview shows how black text looks on a background with the YUV color 121.1540, 42.8151, -106.2521.



This preview shows how white text looks on a background with the YUV color 121.1540, 42.8151, -106.2521.



# 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



### Protanopia

152.2540, 21.5668, -10.7468

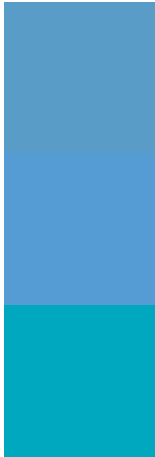
### Deuteranopia

151.6860, 29.7348, -17.2646

### Tritanopia

119.9510, 30.5902, -105.1970

# Trichromacy



## Protanomaly

140.9830, 29.0954, -45.5891

## Deuteranomaly

140.7420, 34.6372, -49.7627

## Tritanomaly

120.3900, 34.8107, -105.5820

# Monochromacy



## Achromatopsia

121.0000, 0.0000, 0.0000

## Achromatomaly

120.8840, 15.8332, -38.4863

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.1540, 42.8151, -106.2521 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(0, 166, 208)` looks like.

```
.text, #text, p{  
    color:rgb(0, 166, 208)  
}
```

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(0, 166, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 166, 208) }
```

## Border

The CSS property to change the border of an element to YUV 121.1540, 42.8151, -106.2521 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(0, 166, 208) }
```

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

```
.border{ border-color:rgb(0, 166, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 166, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 166, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 166, 208); box-shadow:4px 4px 4px 4px rgb(0, 166, 208) }
```



# Background

The CSS property to change the background color of an element to YUV 121.1540, 42.8151, -106.2521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 166, 208) }
```

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

```
.background{ background-color: rgb(0, 166,  
208) }
```

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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