

Converting Colors

YUV(121.0570, 39.9049,
-106.1670)

Have a look what the booklet for
YUV(121.0570, 39.9049, -106.1670)
contains.

YUV(121.0570, 39.9049, -106.1670)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(121.0570, 39.9049,
-106.1670)**

Conversions

Conversions Part 1

Format	Color
Hex	00A7CA
RGB	0, 167, 202
RGB Percent	0%, 65%, 79%
CMY	1.0000, 0.3451, 0.2078
CMYK	1.00, 0.17, 0.00, 0.21
HSL	190°, 100%, 40%
HSV	190°, 100%, 79%
XYZ	24.4794, 31.9017, 60.7446
YIQ	121.0570, -110.7670, -24.5190

Conversions

Conversions Part 2

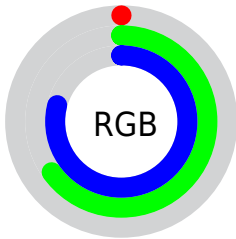
Format	Color
RYB	0, 91, 202
Decimal	42954
CIELab	63.26, -23.52, -27.99
CIELCh	63, 36.560, 229.950
Yxy	31.9017, 0.2090, 0.2724
Android (android.graphics.Color)	4278233034 (0xFF00A7CA)
YUV	121.0570, 39.9049, -106.1670
Hunter-Lab	56.4816, -21.4800, -24.2278

Details

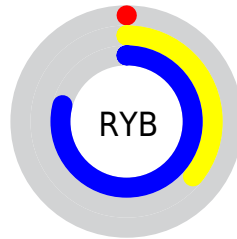
The YUV color **121.0570, 39.9049, -106.1670** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **80.9430, -39.9049, 106.1670**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.5830, 32.2506, -77.6873**, and **84.3770, 31.3661, -73.9986** is the 20% darker color. If you saturate the color by 10%, you get **121.0570, 39.9049, -106.1670**, and if you desaturate by 10%, it is **129.3850, 35.7992, -95.9306**.

Distribution



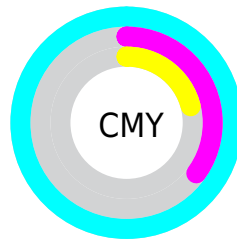
- Red (0%)
- Green (65%)
- Blue (79%)



- Red (0%)
- Yellow (36%)
- Blue (79%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (35%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.0570, 39.9049, -106.1670 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 121.0570, 39.9049, -106.1670 by changing the saturation by 10% instead.

■ 121.0570, 39.9049,
-106.1670

■ 121.0570, 39.9049,
-106.1670

■ 255.0000, 0.0000,
0.0000

■ 102.1300, 35.9249,
-89.5680

■ 189.5830, 32.2506,
-77.6873

■ 84.3770, 31.3661,
-73.9986

■ 216.1740, 19.1412,
-72.9436

■ 66.7380, 27.2442,
-58.5292

■ 227.7910, 13.4140,
-55.9447

■ 49.8000, 23.2696,
-43.6746

■ 237.0600, 8.8444,
-36.8866

■ 34.1500, 19.1531,
-29.9495

■ 246.3290, 4.2748,
-17.8285

■ 18.6140, 15.4733,
-16.3245

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 121.0570, 39.9049,
-106.1670

■ 129.3850, 35.7992,
-95.9306

■ 137.1260, 31.9829,
-85.1795

■ 145.7530, 27.7298,
-74.3284

■ 153.4940, 23.9135,
-63.5772

■ 161.8220, 19.8078,
-53.3409

■ 169.5630, 15.9914,
-42.5898

■ 177.8910, 11.8857,
-32.3534

■ 185.9310, 7.9220,
-20.9875

■ 194.2590, 3.8163,
-10.7511

Harmonies

Analogous

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



119.6260, 26.8064, -104.9120



121.0570, 39.9049, -106.1670



143.7740, 36.1004, -52.4218

Triad

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



121.0570, 39.9049, -106.1670



157.0240, 3.9322, 45.5830



148.5680, -28.3810, 3.0099

Complementary

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



121.0570, 39.9049, -106.1670



80.9430, -39.9049, 106.1670

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.



151.4510, -30.7883, 28.5455



121.0570, 39.9049, -106.1670



154.8820, -10.7878, 53.6005

Square

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



121.0570, 39.9049, -106.1670



157.3660, 18.5536, 22.4810



153.6950, -24.0066, 46.7485



144.3670, -16.9429, -25.7549

Rectangle

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



121.0570, 39.9049, -106.1670



151.3260, 32.3773, -24.8419



153.6950, -24.0066, 46.7485



150.0530, -30.5921, 12.2315

Sweetspot

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



121.0570, 39.9049, -106.1670



224.6450, 14.9650, -40.0307



122.4500, -43.6059, -107.3886



109.5500, 9.0959, -24.1613



0.0000, 0.0000, 0.0000



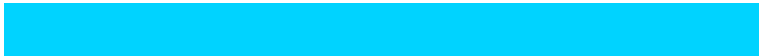
128.0000, 0.0000, 0.0000

Same Dimension

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



121.0570, 39.9049, -106.1670



152.9270, 50.3220, -134.1170



62.3570, 68.8440, -54.6871



97.8360, 2.0529, -5.1182



99.3430, 32.8619, -87.1238



23.1160, 7.3378, -20.2727

Inverse Universe

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



79.4360, 43.1691, 107.4886



100.2990, 54.5756, 135.6728



139.6430, -68.8440, 54.6871



95.9020, 2.0203, 5.3479



65.2520, 35.3718, 88.3560



15.0100, 8.3761, 20.1622

Previews

White Background



This preview shows how the YUV color 121.0570, 39.9049, -106.1670 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 121.0570, 39.9049, -106.1670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

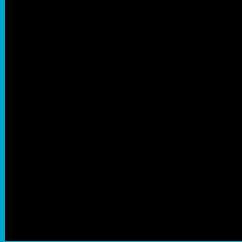
Any Text WCAG AA ✓ Pass

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 121.0570, 39.9049, -106.1670 Background



This preview shows how black text looks on a background with the YUV color 121.0570, 39.9049, -106.1670.



This preview shows how white text looks on a background with the YUV color 121.0570, 39.9049, -106.1670.

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

153.0540, 18.2144, -8.8174

Deuteranopia

152.4970, 26.3770, -13.5909

Tritanopia

120.0650, 31.0270, -105.2970

Trichromacy



Protanomaly

141.4840, 25.8904, -44.2745

Deuteranomaly

140.9550, 31.5742, -47.3185

Tritanomaly

120.2760, 34.3739, -105.4821

Monochromacy



Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.1290, 14.2334, -38.7011

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.0570, 39.9049, -106.1670 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, 167, 202)` looks like.

```
.text, #text, p{  
    color:rgb(0, 167, 202)  
}
```

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, 167, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 167, 202) }
```

Border

The CSS property to change the border of an element to YUV 121.0570, 39.9049, -106.1670 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, 167, 202) }
```

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

```
.border{ border-color:rgb(0, 167, 202) }
```

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

Here you see how a box with a 4 pixel rgb(0, 167, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 167, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 167, 202);  
box-shadow:4px 4px 4px 4px rgb(0, 167,  
202) }
```


Background

The CSS property to change the background color of an element to YUV 121.0570, 39.9049, -106.1670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 167, 202) }
```

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

```
.background{ background-color: rgb(0, 167,  
202) }
```

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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