

Converting Colors

YUV(121.2050, 35.3949,
-106.2968)

Have a look what the booklet for
YUV(121.2050, 35.3949, -106.2968)
contains.

YUV(121.2050, 35.3949, -106.2968)	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(121.2050, 35.3949,
-106.2968)**

Conversions

Conversions Part 1

Format	Color
Hex	00A9C1
RGB	0, 169, 193
RGB Percent	0%, 66%, 76%
CMY	1.0000, 0.3373, 0.2431
CMYK	1.00, 0.12, 0.00, 0.24
HSL	187°, 100%, 38%
HSV	187°, 100%, 76%
XYZ	23.8136, 32.2262, 55.4172
YIQ	121.2050, -108.4280, -28.3640

Conversions

Conversions Part 2

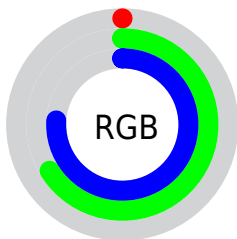
Format	Color
RYB	0, 90, 193
Decimal	43457
CIELab	63.53, -27.59, -22.56
CIELCh	64, 35.641, 219.277
Yxy	32.2262, 0.2137, 0.2891
Android (android.graphics.Color)	4278233537 (0xFF00A9C1)
YUV	121.2050, 35.3949, -106.2968
Hunter-Lab	56.7681, -24.4654, -18.1414

Details

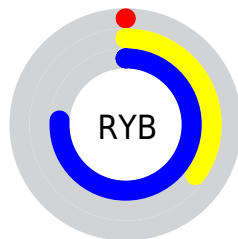
The YUV color **121.2050, 35.3949, -106.2968** is a dark color, and the websafe version is hex **339999**. The color can be described as dark washed azure. A complement of this color would be **71.7950, -35.3949, 106.2968**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.0620, 29.0564, -79.8614**, and **83.9380, 27.1456, -73.6136** is the 20% darker color. If you saturate the color by 10%, you get **121.2050, 35.3949, -106.2968**, and if you desaturate by 10%, it is **128.0600, 32.0154, -95.6456**.

Distribution



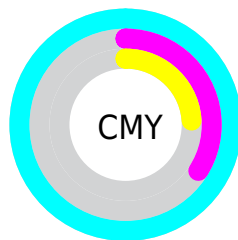
- Red (0%)
- Green (66%)
- Blue (76%)



- Red (0%)
- Yellow (35%)
- Blue (76%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (34%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.2050, 35.3949, -106.2968 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 121.2050, 35.3949, -106.2968 by changing the saturation by 10% instead.

121.2050, 35.3949,
-106.2968

121.2050, 35.3949,
-106.2968

255.0000, 0.0000,
0.0000

102.2780, 31.4149,
-89.6978

190.0620, 29.0564,
-79.8614

83.9380, 27.1456,
-73.6136

217.0490, 18.7098,
-74.5880

66.4130, 23.4604,
-58.2442

227.4920, 13.5614,
-56.5595

50.0620, 19.1964,
-43.9044

236.4620, 9.1392,
-38.1162

33.9390, 15.8061,
-29.7645

245.7310, 4.5696,
-19.0581

18.5170, 12.5631,
-16.2394

3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 121.2050, 35.3949,
-106.2968

■ 128.0600, 32.0154,
-95.6456

■ 135.8010, 28.1991,
-84.8945

■ 142.6560, 24.8196,
-74.2433

■ 150.0980, 21.1507,
-64.1069

■ 157.2520, 17.6238,
-52.8410

■ 164.1070, 14.2442,
-42.1898

■ 171.5490, 10.5753,
-32.0535

■ 178.4040, 7.1958,
-21.4023

■ 186.1450, 3.3795,
-10.6512

Harmonies

Analogous

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



131.8160, 15.3737, -77.8916



121.2050, 35.3949, -106.2968



139.9960, 35.9910, -64.0175

Triad

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



121.2050, 35.3949, -106.2968



158.0600, 9.3374, 38.5354



150.5800, -29.8659, 12.6463

Complementary

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



121.2050, 35.3949, -106.2968



71.7950, -35.3949, 106.2968

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.



153.0650, -28.6260, 35.0230



121.2050, 35.3949, -106.2968



156.5380, -5.6882, 51.2712

Square

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



121.2050, 35.3949, -106.2968



157.3260, 22.5173, 11.1151



154.8570, -19.6495, 49.2374



146.9940, -21.1960, -14.9037

Rectangle

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



121.2050, 35.3949, -106.2968



148.5910, 33.7256, -37.3523



154.8570, -19.6495, 49.2374



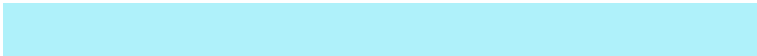
151.8090, -30.4718, 20.3385

Sweetspot

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



121.2050, 35.3949, -106.2968



222.2920, 13.6600, -41.4751



115.9130, -45.8061, -101.6557



108.0230, 8.3697, -24.5762



252.0000, 0.0000, 0.0000



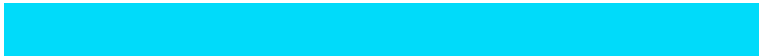
125.0000, 0.0000, 0.0000

Same Dimension

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



121.2050, 35.3949, -106.2968



157.0530, 45.8229, -137.7355



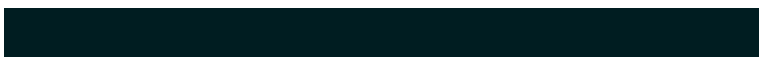
65.4400, 62.8871, -57.3909



93.4230, 1.7635, -5.6330



101.1210, 29.5203, -88.6831



20.7850, 6.0220, -18.2284

Inverse Universe

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



76.9730, 45.3693, 101.7557



99.7160, 58.8070, 131.7991



127.5600, -62.8871, 57.3909



91.0160, 2.4571, 5.2480



64.2130, 37.8560, 84.8822



13.1730, 7.8027, 17.3883

Previews

White Background



This preview shows how the YUV color 121.2050, 35.3949, -106.2968 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 121.2050, 35.3949, -106.2968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

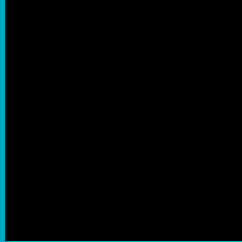
Any Text WCAG AA ✓ Pass

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 121.2050, 35.3949, -106.2968 Background



This preview shows how black text looks on a background with the YUV color 121.2050, 35.3949, -106.2968.



This preview shows how white text looks on a background with the YUV color 121.2050, 35.3949, -106.2968.

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

153.8110, 13.4042, -5.9732

Deuteranopia

153.5640, 21.4139, -8.3876

Tritanopia

120.7660, 31.1744, -105.9118

Trichromacy



Protanomaly

141.9420, 21.2276, -42.0451

Deuteranomaly

142.0110, 26.6166, -43.8596

Tritanomaly

121.1080, 32.4848, -106.2117

Monochromacy



Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.7870, 12.9230, -38.4012

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.2050, 35.3949, -106.2968 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, 169, 193)` looks like.

```
.text, #text, p{  
    color:rgb(0, 169, 193)  
}
```

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, 169, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 169, 193) }
```

Border

The CSS property to change the border of an element to YUV 121.2050, 35.3949, -106.2968 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, 169, 193) }
```

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

```
.border{ border-color:rgb(0, 169, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 169, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 169, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 169, 193);  
box-shadow:4px 4px 4px 4px rgb(0, 169,  
193) }
```


Background

The CSS property to change the background color of an element to YUV 121.2050, 35.3949, -106.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 169, 193) }
```

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

```
.background{ background-color: rgb(0, 169,  
193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor