

Converting Colors

YUV(119.8030, 35.1001,
-105.0672)

Have a look what the booklet for
YUV(119.8030, 35.1001, -105.0672)
contains.

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Color

**YUV(119.8030, 35.1001,
-105.0672)**

Conversions

Conversions Part 1

Format	Color
Hex	00A7BF
RGB	0, 167, 191
RGB Percent	0%, 65%, 75%
CMY	1.0000, 0.3451, 0.2510
CMYK	1.00, 0.13, 0.00, 0.25
HSL	188°, 100%, 37%
HSV	188°, 100%, 75%
XYZ	23.2227, 31.3990, 54.1269
YIQ	119.8030, -107.2360, -27.9400

Conversions

Conversions Part 2

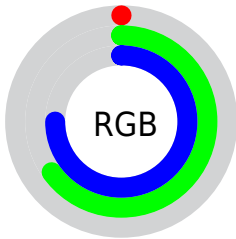
Format	Color
RYB	0, 89, 191
Decimal	42943
CIELab	62.84, -27.26, -22.50
CIELCh	63, 35.345, 219.532
Yxy	31.3990, 0.2135, 0.2887
Android (android.graphics.Color)	4278233023 (0xFF00A7BF)
YUV	119.8030, 35.1001, -105.0672
Hunter-Lab	56.0348, -24.0846, -18.0468

Details

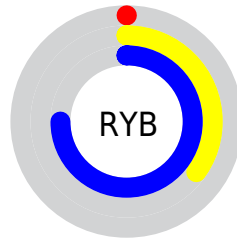
The YUV color **119.8030, 35.1001, -105.0672** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **71.1970, -35.1001, 105.0672**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.0730, 29.0510, -78.1170**, and **83.2370, 26.9982, -72.9988** is the 20% darker color. If you saturate the color by 10%, you get **119.8030, 35.1001, -105.0672**, and if you desaturate by 10%, it is **126.6580, 31.7206, -94.4161**.

Distribution



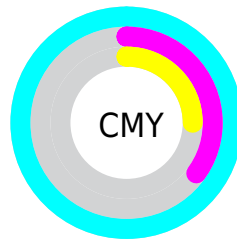
- Red (0%)
- Green (65%)
- Blue (75%)



- Red (0%)
- Yellow (35%)
- Blue (75%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.8030, 35.1001, -105.0672 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 119.8030, 35.1001, -105.0672 by changing the saturation by 10% instead.

■ 119.8030, 35.1001,
-105.0672

■ 119.8030, 35.1001,
-105.0672

255.0000, 0.0000,
0.0000

■ 100.8760, 31.1201,
-88.4683

■ 188.0730, 29.0510,
-78.1170

■ 83.2370, 26.9982,
-72.9988

■ 215.5760, 19.4360,
-74.1732

■ 65.5980, 22.8762,
-57.5294

■ 227.1930, 13.7089,
-57.1743

■ 48.7740, 19.3384,
-42.7748

■ 236.1630, 9.2866,
-38.7310

■ 32.5370, 15.5113,
-28.5349

■ 245.4320, 4.7170,
-19.6729

■ 16.5280, 12.5577,
-14.4951

254.7010, 0.1474,

■ 2.9810, 8.8834,

-0.6148

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 119.8030, 35.1001,
-105.0672

■ 126.6580, 31.7206,
-94.4161

■ 134.1000, 28.0517,
-84.2797

■ 140.9550, 24.6722,
-73.6285

■ 148.3970, 21.0033,
-63.4922

■ 155.5510, 17.4764,
-52.2262

■ 162.4060, 14.0968,
-41.5751

■ 169.8480, 10.4279,
-31.4387

■ 176.7030, 7.0484,
-20.7875

■ 184.1450, 3.3795,
-10.6512

Harmonies

Analogous

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



130.1150, 15.2263, -77.2769



119.8030, 35.1001, -105.0672



138.1810, 35.4068, -63.3027

Triad

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



119.8030, 35.1001, -105.0672



156.3480, 9.1954, 37.4058



148.6940, -29.4291, 12.5464

Complementary

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



119.8030, 35.1001, -105.0672



71.1970, -35.1001, 105.0672

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.



151.7660, -28.4786, 34.4082



119.8030, 35.1001, -105.0672



154.5380, -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.



119.8030, 35.1001, -105.0672



155.6250, 22.3699, 11.7299



153.5580, -19.5021, 48.6226



145.2930, -21.3434, -14.2890

Rectangle

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



119.8030, 35.1001, -105.0672



146.7760, 33.1414, -36.6376



153.5580, -19.5021, 48.6226



149.9230, -30.0350, 20.2385

Sweetspot

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



119.8030, 35.1001, -105.0672



219.5910, 13.5126, -40.8603



114.6250, -45.6641, -100.5261



108.0230, 8.3697, -24.5762



252.0000, 0.0000, 0.0000



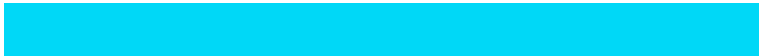
125.0000, 0.0000, 0.0000

Same Dimension

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



119.8030, 35.1001, -105.0672



154.9500, 45.3807, -135.8911



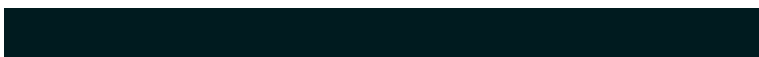
64.6250, 62.3029, -56.6761



90.7220, 1.6161, -5.0182



99.0180, 29.0781, -86.8388



19.3830, 5.7272, -16.9989

Inverse Universe

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



76.1470, 44.7905, 100.7261



98.4770, 57.9388, 130.2547



126.3750, -62.3029, 56.6761



88.6030, 2.1677, 4.7332



62.9740, 36.9878, 83.3378



12.3470, 7.2239, 16.3587

Previews

White Background



This preview shows how the YUV color 119.8030, 35.1001, -105.0672 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 119.8030, 35.1001, -105.0672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

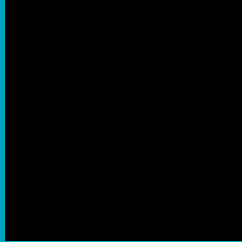
Any Text WCAG AA ✓ Pass

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 119.8030, 35.1001, -105.0672 Background



This preview shows how black text looks on a background with the YUV color 119.8030, 35.1001, -105.0672.



This preview shows how white text looks on a background with the YUV color 119.8030, 35.1001, -105.0672.

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

119.8030, 35.1001, -105.0672

Protanopia

151.8110, 13.4042, -5.9732

Deuteranopia

151.5640, 21.4139, -8.3876



Tritanopia

119.3640, 30.8795, -104.6822

Trichromacy



Original Color

119.8030, 35.1001, -105.0672

Protanomaly

139.9420, 21.2276, -42.0451

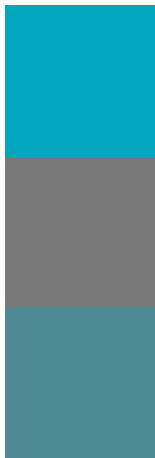
Deuteranomaly

140.0110, 26.6166, -43.8596

Tritanomaly

119.7060, 32.1899, -104.9822

Monochromacy



Original Color

119.8030, 35.1001, -105.0672

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.7870, 12.9230, -38.4012

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.8030, 35.1001, -105.0672 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(0, 167, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 167, 191) }
```

Border

The CSS property to change the border of an element to YUV 119.8030, 35.1001, -105.0672 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, 191) }
```


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

```
.border{ border-color:rgb(0, 167, 191) }
```

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, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 167, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 167, 191);  
box-shadow:4px 4px 4px 4px rgb(0, 167,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 119.8030, 35.1001, -105.0672 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, 191) }
```

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

```
.background{ background-color: rgb(0, 167,  
191) }
```

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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