

Converting Colors

YUV(121.3530, 30.8850,
-106.4266)

Have a look what the booklet for
YUV(121.3530, 30.8850, -106.4266)
contains.

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Color

**YUV(121.3530, 30.8850,
-106.4266)**

Conversions

Conversions Part 1

Format	Color
Hex	00ABB8
RGB	0, 171, 184
RGB Percent	0%, 67%, 72%
CMY	1.0000, 0.3294, 0.2784
CMYK	1.00, 0.07, 0.00, 0.28
HSL	184°, 100%, 36%
HSV	184°, 100%, 72%
XYZ	23.2146, 32.5865, 50.4137
YIQ	121.3530, -106.0890, -32.2090

Conversions

Conversions Part 2

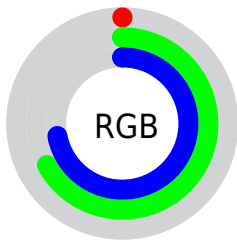
Format	Color
RYB	0, 89, 184
Decimal	43960
CIELab	63.82, -31.53, -17.10
CIELCh	64, 35.865, 208.468
Yxy	32.5865, 0.2186, 0.3068
Android (android.graphics.Color)	4278234040 (0xFF00ABB8)
YUV	121.3530, 30.8850, -106.4266
Hunter-Lab	57.0846, -27.3073, -12.4021

Details

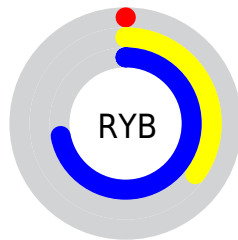
The YUV color **121.3530, 30.8850, -106.4266** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **62.6470, -30.8850, 106.4266**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.9110, 24.6939, -80.6059**, and **84.2000, 23.0724, -73.8434** is the 20% darker color. If you saturate the color by 10%, you get **121.3530, 30.8850, -106.4266**, and if you desaturate by 10%, it is **127.3220, 27.9423, -95.8754**.

Distribution



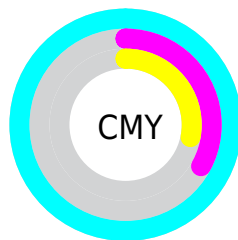
- Red (0%)
- Green (67%)
- Blue (72%)



- Red (0%)
- Yellow (35%)
- Blue (72%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (33%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.3530, 30.8850, -106.4266 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 121.3530, 30.8850, -106.4266 by changing the saturation by 10% instead.

121.3530, 30.8850,
-106.4266

121.3530, 30.8850,
-106.4266

255.0000, 0.0000,
0.0000

102.4260, 26.9050,
-89.8276

189.9110, 24.6939,
-80.6059

84.2000, 23.0724,
-73.8434

217.6250, 18.4259,
-76.8471

66.6750, 19.3872,
-58.4740

226.8940, 13.8563,
-57.7890

49.8510, 15.8495,
-43.7193

236.1630, 9.2866,
-38.7310

33.7280, 12.4591,
-29.5795

245.1330, 4.8644,
-20.2876

17.7190, 9.5055,
-15.5396

254.4020, 0.2948,

2.2970, 6.2626,

-1.2296

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 121.3530, 30.8850,
-106.4266

■ 127.3220, 27.9423,
-95.8754

■ 134.1770, 24.5627,
-85.2242

■ 140.1460, 21.6200,
-74.6730

■ 146.4140, 18.5299,
-63.5071

■ 152.9700, 15.2978,
-53.4707

■ 158.9390, 12.3551,
-42.9195

■ 165.2070, 9.2649,
-31.7535

■ 171.1760, 6.3222,
-21.2024

■ 178.0310, 2.9427,
-10.5512

Harmonies

Analogous

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



136.5310, 7.6262, -66.2407



121.3530, 30.8850, -106.4266



134.5980, 36.1872, -80.3314

Triad

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



121.3530, 30.8850, -106.4266



159.0850, 14.7481, 29.7435



152.4070, -30.7667, 21.5681

Complementary

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



121.3530, 30.8850, -106.4266



62.6470, -30.8850, 106.4266

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.



154.6790, -26.4637, 41.5005



121.3530, 30.8850, -106.4266



158.3080, -0.1518, 48.8419

Square

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



121.3530, 30.8850, -106.4266



156.9870, 26.6284, -0.8656



156.4320, -15.0030, 52.2411



149.2080, -25.7385, -4.5674

Rectangle

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



121.3530, 30.8850, -106.4266



144.6600, 35.6636, -52.3218



156.4320, -15.0030, 52.2411



152.9780, -30.0622, 28.9603

Sweetspot

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



121.3530, 30.8850, -106.4266



215.5370, 12.0603, -41.6899



109.3760, -48.0064, -95.9228



105.3820, 7.2067, -24.8910



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



121.3530, 30.8850, -106.4266



158.2610, 40.2973, -138.7949



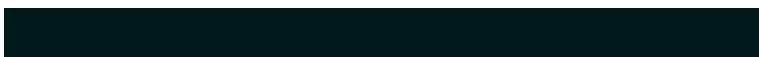
67.9360, 57.2196, -59.5799



88.7220, 1.6161, -5.0182



102.8990, 26.1788, -90.2424



18.4540, 4.7062, -16.1842

Inverse Universe

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



74.5100, 47.5696, 96.0227



97.1820, 62.0283, 125.2514



116.0640, -57.2196, 59.5799



86.6030, 2.1677, 4.7332



63.1740, 40.3402, 81.4084



11.3360, 7.2294, 14.6143

Previews

White Background



This preview shows how the YUV color 121.3530, 30.8850, -106.4266 looks on a white background.

Color Contrast Check

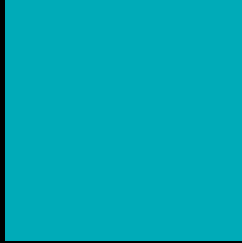
Large Text (above 18pt) WCAG AA × Fail

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 121.3530, 30.8850, -106.4266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

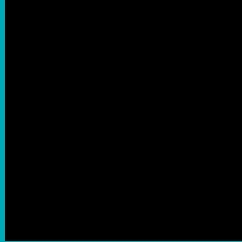
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

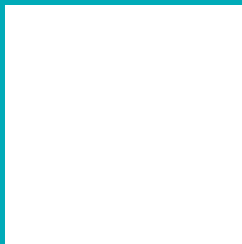
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 121.3530, 30.8850, -106.4266 Background



This preview shows how black text looks on a background with the YUV color 121.3530, 30.8850, -106.4266.



This preview shows how white text looks on a background with the YUV color 121.3530, 30.8850,

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

154.5680, 8.5940, -3.1291

Deuteranopia

154.7450, 16.8877, -3.2844

Tritanopia

124.1580, 29.9951, -100.9936

Trichromacy



Protanomaly

142.6880, 16.4228, -40.9454

Deuteranomaly

142.7680, 21.8064, -41.0155

Tritanomaly

123.2610, 30.4373, -102.8379

Monochromacy



Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.0320, 11.3232, -38.6161

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.3530, 30.8850, -106.4266 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, 171, 184)` looks like.

```
.text, #text, p{  
    color:rgb(0, 171, 184)  
}
```

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, 171, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 171, 184) }
```

Border

The CSS property to change the border of an element to YUV 121.3530, 30.8850, -106.4266 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, 171, 184) }
```

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

```
.border{ border-color:rgb(0, 171, 184) }
```

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

Here you see how a box with a 4 pixel rgb(0, 171, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 171, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 171, 184);  
box-shadow:4px 4px 4px 4px rgb(0, 171,  
184) }
```


Background

The CSS property to change the background color of an element to YUV 121.3530, 30.8850, -106.4266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 171, 184) }
```

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

```
.background{ background-color: rgb(0, 171,  
184) }
```

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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