

Converting Colors

YUV(121.4990, 36.2360,
-96.0306)

Have a look what the booklet for
YUV(121.4990, 36.2360, -96.0306)
contains.

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Color

**YUV(121.4990, 36.2360,
-96.0306)**

Conversions

Conversions Part 1

Format	Color
Hex	0CA3C3
RGB	12, 163, 195
RGB Percent	5%, 64%, 76%
CMY	0.9529, 0.3608, 0.2353
CMYK	0.94, 0.16, 0.00, 0.24
HSL	190°, 88%, 41%
HSV	190°, 94%, 76%
XYZ	23.0991, 30.2127, 56.2439
YIQ	121.4990, -100.2680, -22.0600

Conversions

Conversions Part 2

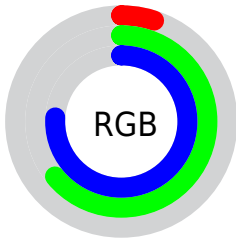
Format	Color
RYB	12, 95, 195
Decimal	828355
CIELab	61.84, -23.48, -26.27
CIELCh	62, 35.235, 228.210
Yxy	30.2127, 0.2108, 0.2758
Android (android.graphics.Color)	4279018435 (0xFF0CA3C3)
YUV	121.4990, 36.2360, -96.0306
Hunter-Lab	54.9661, -21.1771, -22.1922

Details

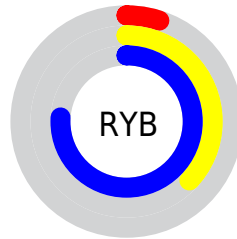
The YUV color **121.4990, 36.2360, -96.0306** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **85.5010, -36.2360, 96.0306**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.8930, 32.0978, -75.3282**, and **81.2310, 29.4661, -71.2396** is the 20% darker color. If you saturate the color by 10%, you get **116.7370, 38.5837, -102.3783**, and if you desaturate by 10%, it is **129.2400, 32.4197, -85.2795**.

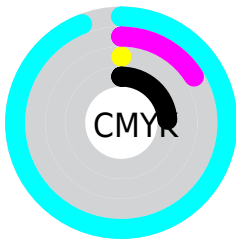
Distribution



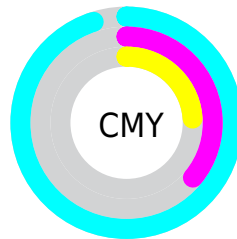
- Red (5%)
- Green (64%)
- Blue (76%)



- Red (5%)
- Yellow (37%)
- Blue (76%)



- Cyan (94%)
- Magenta (16%)
- Yellow (0%)
- Black (24%)



- Cyan (95%)
- Magenta (36%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.4990, 36.2360, -96.0306 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 121.4990, 36.2360, -96.0306 by changing the saturation by 10% instead.

■ 121.4990, 36.2360,
-96.0306

■ 121.4990, 36.2360,
-96.0306

■ 255.0000, 0.0000,
0.0000

■ 99.5710, 33.7355,
-87.3238

■ 186.8930, 32.0978,
-75.3282

■ 81.2310, 29.4661,
-71.2396

■ 213.8260, 20.2988,
-70.8844

■ 63.7060, 25.7809,
-55.8702

■ 227.7910, 13.4140,
-55.9447

■ 47.3550, 21.5170,
-41.5303

■ 236.7610, 8.9918,
-37.5014

■ 31.7050, 17.4004,
-27.8053

■ 246.0300, 4.4222,
-18.4433

■ 13.9350, 15.3150,
-12.2210

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 121.4990, 36.2360,
-96.0306

■ 121.4990, 36.2360,
-96.0306

■ 116.7370, 38.5837,
-102.3783

■ 129.2400, 32.4197,
-85.2795

■ 137.2690, 28.4614,
-75.6579

■ 145.0100, 24.6451,
-64.9068

■ 153.0390, 20.6868,
-55.2852

■ 160.7800, 16.8705,
-44.5341

■ 168.2220, 13.2016,
-34.3977

■ 176.5500, 9.0959,
-24.1613

■ 183.9920, 5.4269,
-14.0250

■ 192.0210, 1.4686,
-4.4034

Harmonies

Analogous

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



122.2750, 22.5424, -90.5722



121.4990, 36.2360, -96.0306



139.7310, 34.6426, -51.5071

Triad

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



121.4990, 36.2360, -96.0306



152.9420, 4.9586, 43.0239



145.1060, -27.6603, 5.1690

Complementary

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



121.4990, 36.2360, -96.0306



85.5010, -36.2360, 96.0306

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.



148.0920, -29.6254, 28.8603



121.4990, 36.2360, -96.0306



151.6860, -10.1982, 51.1414

Square

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



121.4990, 36.2360, -96.0306



153.0560, 18.7064, 20.1219



150.3250, -22.8382, 45.3190



141.0900, -16.8064, -22.8809

Rectangle

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



121.4990, 36.2360, -96.0306



147.3860, 31.3617, -25.7715



150.3250, -22.8382, 45.3190



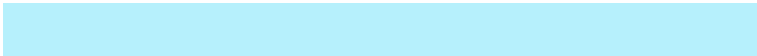
146.1070, -29.1398, 13.0612

Sweetspot

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



121.4990, 36.2360, -96.0306



224.0260, 13.7912, -36.8568



122.9550, -39.4178, -97.3075



110.1480, 8.8010, -22.9318



0.0000, 0.0000, 0.0000



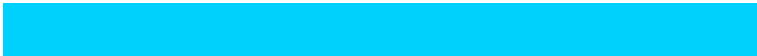
128.0000, 0.0000, 0.0000

Same Dimension

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



121.4990, 36.2360, -96.0306



150.8240, 49.8798, -132.2726



68.6690, 62.2812, -49.6987



92.8360, 2.0529, -5.1182



96.4250, 31.8355, -84.5647



19.6110, 6.6008, -17.1988

Inverse Universe

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



83.9310, 38.9810, 97.4075



99.0600, 53.7074, 134.1284



138.3310, -62.2812, 49.6987



90.9020, 2.0203, 5.3479



63.3010, 34.3616, 85.6820



12.9450, 6.9291, 17.5882

Previews

White Background



This preview shows how the YUV color 121.4990, 36.2360, -96.0306 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 121.4990, 36.2360, -96.0306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

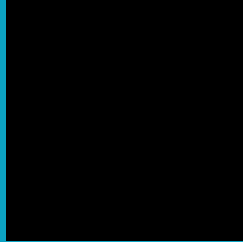
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 121.4990, 36.2360, -96.0306

Background



This preview shows how black text looks on a background with the YUV color 121.4990, 36.2360, -96.0306.

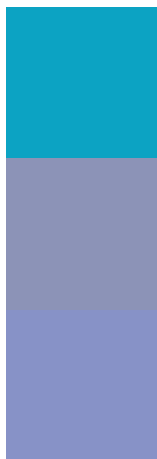


This preview shows how white text looks on a background with the YUV color 121.4990, 36.2360, -96.0306.

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

121.4990, 36.2360, -96.0306

Protanopia

149.0110, 16.7566, -7.9026

Deuteranopia

148.7530, 24.7718, -12.0614



Tritanopia

117.1470, 30.0005, -102.7379

Trichromacy



Original Color

121.4990, 36.2360, -96.0306

Protanomaly

138.9360, 23.6956, -40.2859

Deuteranomaly

138.7060, 29.2319, -42.7152

Tritanomaly

118.4400, 32.3211, -100.3639

Monochromacy



Original Color

121.4990, 36.2360, -96.0306

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.9230, 13.3490, -35.0125

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.4990, 36.2360, -96.0306 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(12, 163, 195)` looks like.

```
.text, #text, p{  
    color:rgb(12, 163, 195)  
}
```

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(12, 163, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 163, 195) }
```

Border

The CSS property to change the border of an element to YUV 121.4990, 36.2360, -96.0306 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(12, 163, 195) }
```


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

```
.border{ border-color:rgb(12, 163, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 163, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 163, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 163, 195);  
box-shadow:4px 4px 4px 4px rgb(12, 163,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 121.4990, 36.2360, -96.0306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 163, 195) }
```

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

```
.background{ background-color: rgb(12, 163,  
195) }
```

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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