

Converting Colors

YUV(121.5980, 29.2852,
-106.6414)

Have a look what the booklet for
YUV(121.5980, 29.2852, -106.6414)
contains.

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Color

**YUV(121.5980, 29.2852,
-106.6414)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00ACB5 |
| RGB | 0, 172, 181 |
| RGB Percent | 0%, 67%, 71% |
| CMY | 1.0000, 0.3255, 0.2902 |
| CMYK | 1.00, 0.05, 0.00, 0.29 |
| HSL | 183°, 100%, 35% |
| HSV | 183°, 100%, 71% |
| XYZ | 23.0930, 32.8412, 48.8379 |
| YIQ | 121.5980, -105.4010, -33.6650 |

Conversions

Conversions Part 2

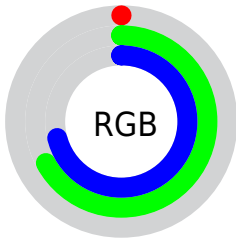
| Format | Color |
|-------------------------------------|--|
| RYB | 0, 88, 181 |
| Decimal | 44213 |
| CIELab | 64.03, -32.97, -15.11 |
| CIELCh | 64, 36.266, 204.621 |
| Yxy | 32.8412, 0.2204, 0.3135 |
| Android (android.graphics.Color) | 4278234293 (0xFF00ACB5) |
| YUV | 121.5980, 29.2852, -106.6414 |
| Hunter-Lab | 57.3073, -28.3579, -10.4125 |

Details

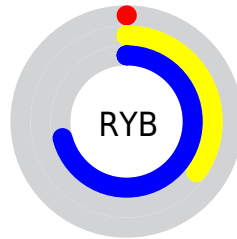
The YUV color **121.5980, 29.2852, -106.6414** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **59.4020, -29.2852, 106.6414**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.1560, 23.0941, -80.8208**, and **84.4450, 21.4726, -74.0583** is the 20% darker color. If you saturate the color by 10%, you get **121.5980, 29.2852, -106.6414**, and if you desaturate by 10%, it is **127.5670, 26.3425, -96.0903**.

Distribution



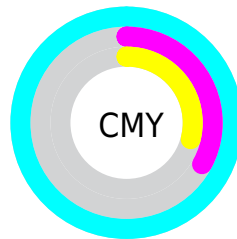
- Red (0%)
- Green (67%)
- Blue (71%)



- Red (0%)
- Yellow (35%)
- Blue (71%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.5980, 29.2852, -106.6414 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 121.5980, 29.2852, -106.6414 by changing the saturation by 10% instead.

121.5980, 29.2852,
-106.6414

121.5980, 29.2852,
-106.6414

255.0000, 0.0000,
0.0000

102.6710, 25.3052,
-90.0425

190.1560, 23.0941,
-80.8208

84.4450, 21.4726,
-74.0583

217.6250, 18.4259,
-76.8471

66.9200, 17.7874,
-58.6888

226.8940, 13.8563,
-57.7890

50.0960, 14.2497,
-43.9342

235.8640, 9.4340,
-39.3457

33.3860, 11.1487,
-29.2795

245.1330, 4.8644,
-20.2876

18.0780, 8.3425,
-15.8544

254.1030, 0.4422,

1.3680, 5.2416,

-1.8443

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 121.5980, 29.2852,
-106.6414

■ 127.5670, 26.3425,
-96.0903

■ 133.5360, 23.3998,
-85.5391

■ 139.5050, 20.4570,
-74.9879

■ 145.4740, 17.5143,
-64.4367

■ 151.7420, 14.4242,
-53.2707

■ 157.1240, 11.7709,
-42.2047

■ 163.0930, 8.8282,
-31.6536

■ 169.0620, 5.8854,
-21.1024

■ 175.0310, 2.9427,
-10.5512

Harmonies

Analogous

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



137.8690, 4.9946, -62.1521



121.5980, 29.2852, -106.6414



131.4830, 37.2299, -88.1236

Triad

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



121.5980, 29.2852, -106.6414



159.2310, 16.6481, 26.9844



153.3150, -31.2143, 25.1567

Complementary

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



121.5980, 29.2852, -106.6414



59.4020, -29.2852, 106.6414

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.



155.6300, -25.4536, 44.1745



121.5980, 29.2852, -106.6414



158.4650, 1.7428, 47.8272

Square

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



121.5980, 29.2852, -106.6414



156.7090, 28.2445, -5.8838



156.8990, -13.2612, 53.5856



149.8880, -27.0598, -0.7788

Rectangle

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



121.5980, 29.2852, -106.6414



143.4420, 36.2641, -58.2696



156.8990, -13.2612, 53.5856



154.0000, -30.0730, 32.4490

Sweetspot

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



121.5980, 29.2852, -106.6414



211.4230, 11.6235, -41.5900



106.9310, -49.7590, -93.7785



103.2680, 6.7699, -24.7910



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



121.5980, 29.2852, -106.6414



157.6910, 38.1133, -138.2950



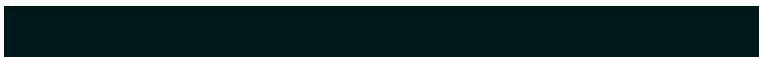
69.9420, 54.7516, -61.3391



86.3090, 1.3267, -5.5330



102.5570, 24.8684, -89.9425



17.0520, 4.4114, -14.9546

Inverse Universe

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



73.7270, 48.4486, 94.0784



95.6870, 62.7653, 122.1775



111.0580, -54.7516, 61.3391



83.7170, 2.6045, 4.6332



62.2770, 40.7824, 79.5641



10.5100, 6.6506, 13.5847

Previews

White Background



This preview shows how the YUV color 121.5980, 29.2852, -106.6414 looks on a white background.

Color Contrast Check

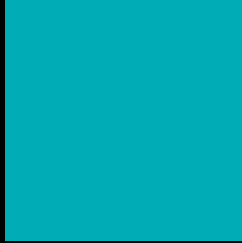
Large Text (above 18pt) WCAG AA × Fail

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 121.5980, 29.2852, -106.6414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

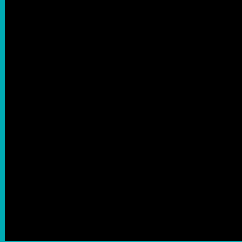
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

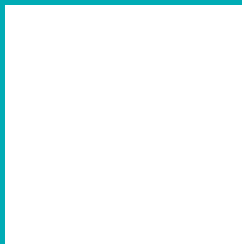
Any Text WCAG AAA ✓ Pass

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

YUV 121.5980, 29.2852, -106.6414 Background



This preview shows how black text looks on a background with the YUV color 121.5980, 29.2852, -106.6414.

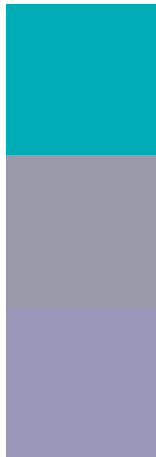


This preview shows how white text looks on a background with the YUV color 121.5980, 29.2852, -106.6414.

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

121.5980, 29.2852, -106.6414

Protanopia

154.8240, 6.9888, -1.5996

Deuteranopia

155.8870, 14.8457, -1.6549



Tritanopia

127.4470, 28.3736, -94.2310

Trichromacy



Original Color

121.5980, 29.2852, -106.6414

Protanomaly

142.6450, 14.9650, -40.0307

Deuteranomaly

143.6110, 19.9118, -40.0008

Tritanomaly

125.2400, 28.9687, -98.4345

Monochromacy



Original Color

121.5980, 29.2852, -106.6414

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.8040, 10.4496, -38.4161

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.5980, 29.2852, -106.6414 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, 172, 181)` looks like.

```
.text, #text, p{  
    color:rgb(0, 172, 181)  
}
```

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, 172, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 172, 181) }
```

Border

The CSS property to change the border of an element to YUV 121.5980, 29.2852, -106.6414 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, 172, 181) }
```


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

```
.border{ border-color:rgb(0, 172, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 172, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 172, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 172, 181);  
box-shadow:4px 4px 4px 4px rgb(0, 172,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 121.5980, 29.2852, -106.6414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 172, 181) }
```

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

```
.background{ background-color: rgb(0, 172,  
181) }
```

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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