

Converting Colors

YUV(121.5860, 14.0081,
-106.6309)

Have a look what the booklet for
YUV(121.5860, 14.0081, -106.6309)
contains.

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Color

**YUV(121.5860, 14.0081,
-106.6309)**

Conversions

Conversions Part 1

Format	Color
Hex	00B296
RGB	0, 178, 150
RGB Percent	0%, 70%, 59%
CMY	1.0000, 0.3020, 0.4118
CMYK	1.00, 0.00, 0.16, 0.30
HSL	171°, 100%, 35%
HSV	171°, 100%, 70%
XYZ	21.4254, 34.0428, 34.2958
YIQ	121.5860, -97.1000, -46.4440

Conversions

Conversions Part 2

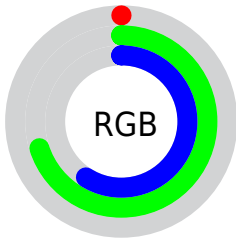
Format	Color
RYB	0, 97, 178
Decimal	45718
CIELab	65.00, -44.82, 3.57
CIELCh	65, 44.966, 175.446
Yxy	34.0428, 0.2387, 0.3792
Android (android.graphics.Color)	4278235798 (0xFF00B296)
YUV	121.5860, 14.0081, -106.6309
Hunter-Lab	58.3462, -36.5586, 5.9917

Details

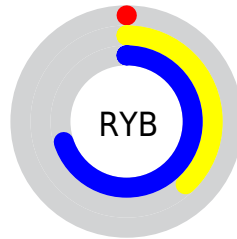
The YUV color **121.5860, 14.0081, -106.6309** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **56.4140, -14.0081, 106.6309**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.9050, 6.9488, -82.3547**, and **84.0740, 7.3585, -73.7329** is the 20% darker color. If you saturate the color by 10%, you get **121.5860, 14.0081, -106.6309**, and if you desaturate by 10%, it is **127.3100, 12.6652, -95.8649**.

Distribution



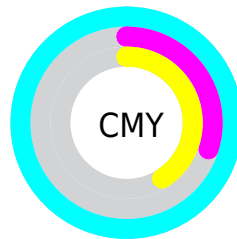
- Red (0%)
- Green (70%)
- Blue (59%)



- Red (0%)
- Yellow (38%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (30%)




- Cyan (100%)
- Magenta (30%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.5860, 14.0081, -106.6309 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 121.5860, 14.0081, -106.6309 by changing the saturation by 10% instead.

 121.5860, 14.0081,
-106.6309


 121.5860, 14.0081,
-106.6309

255.0000, 0.0000,
0.0000


 102.7730, 10.4649,
-90.1319

 189.9050, 6.9488,
-82.3547


 84.0740, 7.3585,
-73.7329


 214.1060, 8.8217,
-76.3920

 66.0760, 4.3995,
-57.9487


 225.9970, 14.2985,
-59.6334

 49.4800, 1.7354,
-43.3940

 234.9670, 9.8763,
-41.1901

 32.9980, -0.4920,
-28.9392

 243.9370, 5.4541,
-22.7467

 16.2880, -3.5930,
-14.2846

 253.2060, 0.8844,

 0.0000, 0.0000,

-3.6887

0.0000

■ 121.5860, 14.0081,
-106.6309

■ 127.3100, 12.6652,
-95.8649

■ 133.0340, 11.3222,
-85.0988

■ 138.3450, 9.6899,
-74.8476

■ 144.0690, 8.3470,
-64.0815

■ 149.7930, 7.0041,
-53.3155

■ 155.5170, 5.6611,
-42.5494

■ 161.2410, 4.3182,
-31.7834

■ 166.5520, 2.6859,
-21.5321

■ 172.2760, 1.3429,
-10.7661

Harmonies

Analogous

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



144.2790, -16.8995, -39.7097



121.5860, 14.0081, -106.6309



126.2600, 31.9168, -110.7300

Triad

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



121.5860, 14.0081, -106.6309



159.4190, 34.7964, -7.3835



157.3770, -31.7379, 53.1664

Complementary

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



121.5860, 14.0081, -106.6309



56.4140, -14.0081, 106.6309

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.



158.4660, -16.4987, 65.3663



121.5860, 14.0081, -106.6309



162.3120, 20.5522, 34.8064

Square

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



121.5860, 14.0081, -106.6309



145.2270, 45.7371, -63.3431



160.7700, 2.5784, 59.8377



154.3880, -38.6453, 28.6007

Rectangle

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



121.5860, 14.0081, -106.6309



127.1210, 42.8313, -111.4851



160.7700, 2.5784, 59.8377



157.5610, -27.3916, 59.1440

Sweetspot

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



121.5860, 14.0081, -106.6309



209.8160, 5.5137, -41.9346



113.4560, -55.9338, -73.1909



103.7580, 3.5703, -25.2208



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.



121.5860, 14.0081, -106.6309



158.5280, 18.4737, -139.0291



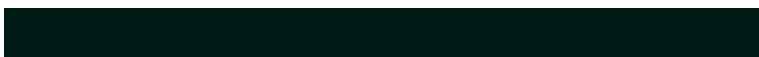
90.1450, 43.3125, -79.0572



86.1950, 0.8899, -5.4330



104.5170, 12.0701, -91.6614



17.6560, 1.6486, -15.4843

Inverse Universe

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



56.4140, -14.0081, 106.6309



73.5860, -18.0369, 138.9291



87.8550, -43.3125, 79.0572



82.9190, -0.4531, 5.3330



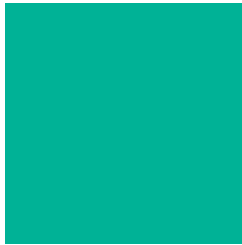
48.4830, -12.0701, 91.6614



8.2300, -2.0854, 15.5843

Previews

White Background



This preview shows how the YUV color 121.5860, 14.0081, -106.6309 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 121.5860, 14.0081, -106.6309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

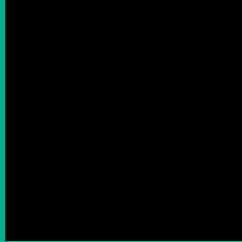
Any Text WCAG AA ✓ Pass

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 121.5860, 14.0081, -106.6309 Background



This preview shows how black text looks on a background with the YUV color 121.5860, 14.0081, -106.6309.

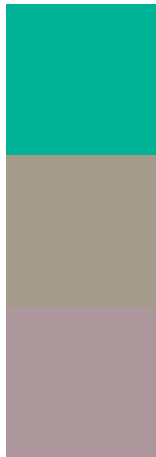


This preview shows how white text looks on a background with the YUV color 121.5860, 14.0081, -106.6309.

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

121.5860, 14.0081, -106.6309

Protanopia

156.3400, -9.0416, 6.7178

Deuteranopia

158.4360, -1.2009, 11.8956



Tritanopia

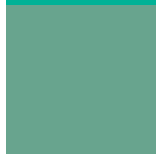
137.8190, 24.2462, -77.0173

Trichromacy



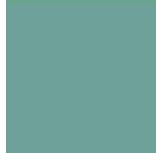
Original Color

121.5860, 14.0081, -106.6309



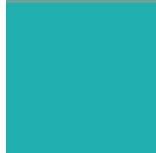
Protanomaly

143.5520, -0.7651, -34.6871



Deuteranomaly

144.6540, 4.6076, -31.2686



Tritanomaly

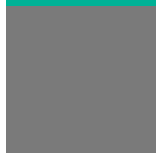
132.1290, 20.6424, -87.8131

Monochromacy



Original Color

121.5860, 14.0081, -106.6309



Achromatopsia

122.0000, 0.0000, 0.0000



Achromatomaly

121.7240, 5.0661, -38.3459

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.5860, 14.0081, -106.6309 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, 178, 150)` looks like.

```
.text, #text, p{  
    color:rgb(0, 178, 150)  
}
```

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, 178, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 178, 150) }
```

Border

The CSS property to change the border of an element to YUV 121.5860, 14.0081, -106.6309 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, 178, 150) }
```


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

```
.border{ border-color:rgb(0, 178, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 178, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 178, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 178, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 178,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 121.5860, 14.0081, -106.6309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 178, 150) }
```

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

```
.background{ background-color: rgb(0, 178,  
150) }
```

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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