

Converting Colors

YUV(130.0330, 9.3507,
-106.1459)

Have a look what the booklet for
YUV(130.0330, 9.3507, -106.1459)
contains.

YUV(130.0330, 9.3507, -106.1459)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(130.0330, 9.3507,
-106.1459)**

Conversions

Conversions Part 1

Format	Color
Hex	09BC95
RGB	9, 188, 149
RGB Percent	4%, 74%, 58%
CMY	0.9647, 0.2627, 0.4157
CMYK	0.95, 0.00, 0.21, 0.26
HSL	167°, 91%, 39%
HSV	167°, 95%, 74%
XYZ	23.5207, 38.1944, 34.5664
YIQ	130.0330, -94.1650, -50.0770

Conversions

Conversions Part 2

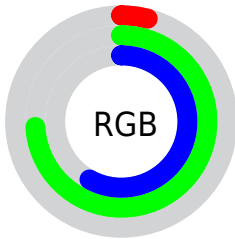
Format	Color
RYB	9, 109, 188
Decimal	638101
CIELab	68.16, -48.86, 8.67
CIELCh	68, 49.627, 169.934
Yxy	38.1944, 0.2443, 0.3967
Android (android.graphics.Color)	4278828181 (0xFF09BC95)
YUV	130.0330, 9.3507, -106.1459
Hunter-Lab	61.8017, -40.2187, 10.0996

Details

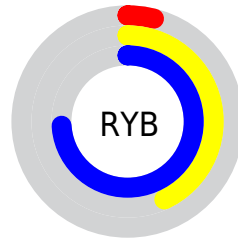
The YUV color **130.0330, 9.3507, -106.1459** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **66.9670, -9.3507, 106.1459**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.8570, 3.0285, -84.9436**, and **89.2430, 4.3172, -78.2661** is the 20% darker color. If you saturate the color by 10%, you get **127.1140, 9.8038, -111.4790**, and if you desaturate by 10%, it is **136.1700, 8.2972, -94.8651**.

Distribution



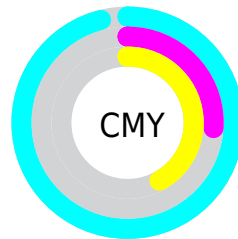
- Red (4%)
- Green (74%)
- Blue (58%)



- Red (4%)
- Yellow (43%)
- Blue (74%)



- Cyan (95%)
- Magenta (0%)
- Yellow (21%)
- Black (26%)




- Cyan (96%)
- Magenta (26%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 130.0330, 9.3507, -106.1459 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 130.0330, 9.3507, -106.1459 by changing the saturation by 10% instead.


 130.0330, 9.3507,
-106.1459


 130.0330, 9.3507,
-106.1459

255.0000, 0.0000,
0.0000


 107.9420, 7.4236,
-94.6651


 196.8570, 3.0285,
-84.9436


 89.2430, 4.3172,
-78.2661


 215.1880, 7.7953,
-73.8329


 71.2450, 1.3582,
-62.4819


 227.1930, 13.7089,
-57.1743

 54.0620, -1.0166,
-47.4124

 236.1630, 9.2866,
-38.7310

 37.5800, -3.2439,
-32.9577

 245.4320, 4.7170,
-19.6729

 21.3430, -7.0711,
-18.7178

254.7010, 0.1474,

 0.0000, 0.0000,

-0.6148

0.0000

■ 130.0330, 9.3507,
-106.1459

■ 130.0330, 9.3507,
-106.1459

■ 127.1140, 9.8038,
-111.4790

■ 136.1700, 8.2972,
-94.8651

■ 142.3070, 7.2436,
-83.5842

■ 148.1450, 6.3375,
-72.9182

■ 154.2820, 5.2840,
-61.6373

■ 160.4190, 4.2304,
-50.3565

■ 166.6700, 3.6137,
-39.1756

■ 172.8070, 2.5601,
-27.8947

■ 178.6450, 1.6540,
-17.2287

■ 184.7820, 0.6005,
-5.9478

Harmonies

Analogous

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



152.6940, -23.0201, -36.5656



130.0330, 9.3507, -106.1459



133.1730, 30.4807, -116.7927

Triad

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



130.0330, 9.3507, -106.1459



165.7750, 41.5229, -18.2197



165.5030, -32.7860, 62.7029

Complementary

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



130.0330, 9.3507, -106.1459



66.9670, -9.3507, 106.1459

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.



167.0910, -14.3419, 73.5882



130.0330, 9.3507, -106.1459



171.3700, 25.9466, 31.2475

Square

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



130.0330, 9.3507, -106.1459



140.0530, 56.1759, -98.2705



169.5300, 6.6407, 63.5562



163.0040, -42.8930, 37.7075

Rectangle

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



130.0330, 9.3507, -106.1459



135.0770, 42.8530, -118.4625



169.5300, 6.6407, 63.5562



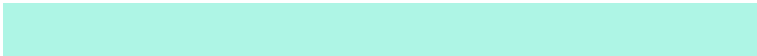
166.0290, -27.1293, 68.3806

Sweetspot

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



130.0330, 9.3507, -106.1459



221.9470, 3.4771, -42.0495



126.6310, -57.9921, -66.3284



108.4160, 2.2599, -24.9208



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



130.0330, 9.3507, -106.1459



165.5890, 12.5276, -145.2216



106.3030, 40.2766, -85.3347



91.0810, 0.4531, -5.3330



106.8820, 8.4392, -93.7355



20.9330, 1.5120, -18.3582

Inverse Universe

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



66.9670, -9.3507, 106.1459



79.2970, -12.9644, 145.3215



90.6970, -40.2766, 85.3347



87.9190, -0.4531, 5.3330



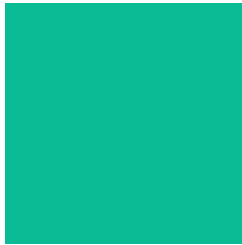
51.1180, -8.4392, 93.7355



10.0670, -1.5120, 18.3582

Previews

White Background



This preview shows how the YUV color 130.0330, 9.3507, -106.1459 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 130.0330, 9.3507, -106.1459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

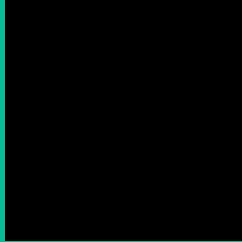
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 130.0330, 9.3507, -106.1459

Background



This preview shows how black text looks on a background with the YUV color 130.0330, 9.3507, -106.1459.

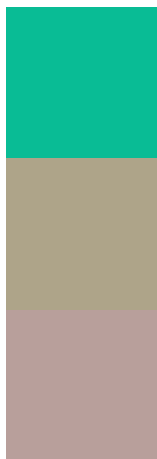


This preview shows how white text looks on a background with the YUV color 130.0330, 9.3507,

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

130.0330, 9.3507, -106.1459

Protanopia

163.9120, -13.2676, 8.8472

Deuteranopia

166.0190, -5.4324, 15.7693



Tritanopia

146.5200, 24.3936, -77.6320

Trichromacy



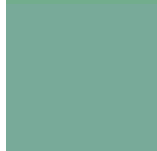
Original Color

130.0330, 9.3507, -106.1459



Protanomaly

151.7110, -5.2805, -33.0725



Deuteranomaly

153.1120, -0.0552, -29.0392



Tritanomaly

140.3740, 19.0426, -88.0280

Monochromacy



Original Color

130.0330, 9.3507, -106.1459



Achromatopsia

130.0000, 0.0000, 0.0000



Achromatomaly

129.9690, 3.4663, -38.5608

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.0330, 9.3507, -106.1459 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(9, 188, 149)` looks like.

```
.text, #text, p{  
    color:rgb(9, 188, 149)  
}
```

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(9, 188, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 188, 149) }
```

Border

The CSS property to change the border of an element to YUV 130.0330, 9.3507, -106.1459 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(9, 188, 149) }
```


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

```
.border{ border-color:rgb(9, 188, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 188, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 188, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 188, 149);  
box-shadow:4px 4px 4px 4px rgb(9, 188,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 130.0330, 9.3507, -106.1459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 188, 149) }
```

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

```
.background{ background-color: rgb(9, 188,  
149) }
```

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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