

Converting Colors

YUV(144.6130, 16.4598,
-99.6386)

Have a look what the booklet for
YUV(144.6130, 16.4598, -99.6386)
contains.

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Color

**YUV(144.6130, 16.4598,
-99.6386)**

Conversions

Conversions Part 1

Format	Color
Hex	1FC4B2
RGB	31, 196, 178
RGB Percent	12%, 77%, 70%
CMY	0.8784, 0.2314, 0.3020
CMYK	0.84, 0.00, 0.09, 0.23
HSL	173°, 73%, 45%
HSV	173°, 84%, 77%
XYZ	28.3409, 42.9855, 48.9228
YIQ	144.6130, -92.5620, -40.5780

Conversions

Conversions Part 2

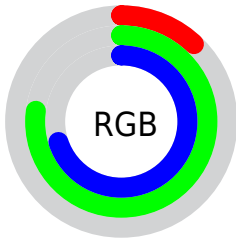
Format	Color
R _Y B	31, 118, 196
Decimal	2081970
CIE Lab	71.55, -43.31, -2.24
CIE LCh	72, 43.371, 182.966
Yxy	42.9855, 0.2357, 0.3575
Android (android.graphics.Color)	4280272050 (0xFF1FC4B2)
YUV	144.6130, 16.4598, -99.6386
Hunter-Lab	65.5633, -37.5761, 1.6527

Details

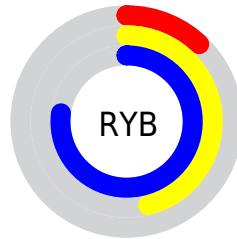
The YUV color **144.6130, 16.4598, -99.6386** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **82.3870, -16.4598, 99.6386**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.0770, 12.7800, -86.0135**, and **97.0170, 13.7956, -85.0839** is the 20% darker color. If you saturate the color by 10%, you get **138.4050, 18.5343, -111.7342**, and if you desaturate by 10%, it is **150.8210, 14.3852, -87.5430**.

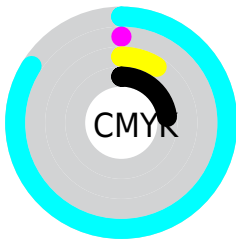
Distribution



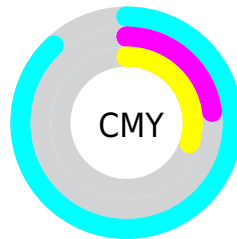
- Red (12%)
- Green (77%)
- Blue (70%)



- Red (12%)
- Yellow (46%)
- Blue (77%)



- Cyan (84%)
- Magenta (0%)
- Yellow (9%)
- Black (23%)



- Cyan (88%)
- Magenta (23%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.6130, 16.4598, -99.6386 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 144.6130, 16.4598, -99.6386 by changing the saturation by 10% instead.

■ 144.6130, 16.4598,
-99.6386

■ 144.6130, 16.4598,
-99.6386

■ 255.0000, 0.0000,
0.0000

■ 115.8300, 17.3388,
-101.5829

■ 208.0770, 12.7800,
-86.0135

■ 97.0170, 13.7956,
-85.0839

■ 220.9140, 16.8044,
-70.0846

■ 79.0190, 10.8366,
-69.2997

■ 230.1830, 12.2348,
-51.0265

■ 61.6080, 7.5883,
-54.0302

■ 239.4520, 7.6652,
-31.9684

■ 44.3110, 4.7767,
-38.8607

■ 248.7210, 3.0955,
-12.9103

■ 29.0030, 1.9705,
-25.4356

■ 7.7110, 1.6215,

-6.7625

■ 0.0000, 0.0000,
0.0000

■ 144.6130, 16.4598,
-99.6386

■ 144.6130, 16.4598,
-99.6386

■ 138.4050, 18.5343,
-111.7342

■ 150.8210, 14.3852,
-87.5430

■ 135.0020, 19.7190,
-118.3968

■ 156.7300, 12.4581,
-76.0622

■ 162.9380, 10.3836,
-63.9666

■ 168.9610, 8.8932,
-52.5858

■ 175.1690, 6.8187,
-40.4902

■ 181.3770, 4.7441,
-28.3946

■ 187.2860, 2.8170,
-16.9138

■ 193.4940, 0.7425,
-4.8182

■ 199.4030, -1.1847,
6.6626

Harmonies

Analogous

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



160.7170, -11.1995, -47.9868



144.6130, 16.4598, -99.6386



139.2030, 38.3539, -122.0810

Triad

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



144.6130, 16.4598, -99.6386



178.2850, 31.4115, 5.0121



174.3610, -34.1950, 47.9184

Complementary

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



144.6130, 16.4598, -99.6386



82.3870, -16.4598, 99.6386

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.



176.6030, -21.0033, 63.4922



144.6130, 16.4598, -99.6386



180.3900, 15.5837, 41.7540

Square

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



144.6130, 16.4598, -99.6386



169.6210, 41.5988, -42.6406



178.1140, -2.5212, 62.1670



171.5720, -37.7500, 21.4234

Rectangle

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



144.6130, 16.4598, -99.6386



139.1350, 48.2474, -122.0214



178.1140, -2.5212, 62.1670



175.3170, -30.7223, 54.0960

Sweetspot

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



144.6130, 16.4598, -99.6386



235.0660, 6.3765, -38.6459



133.5360, -50.5502, -73.2611



115.7690, 3.5649, -23.4764



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.



144.6130, 16.4598, -99.6386



175.5630, 25.3584, -153.9688



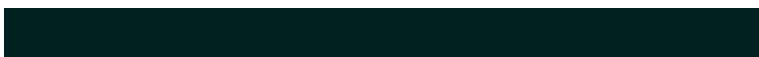
109.6840, 42.5538, -69.0059



93.8960, 1.0373, -6.0478



110.8090, 15.8702, -97.1795



22.7910, 3.5540, -19.9877

Inverse Universe

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



82.3870, -16.4598, 99.6386



79.4370, -25.3584, 153.9688



117.3160, -42.5538, 69.0059



90.1040, -1.0373, 6.0478



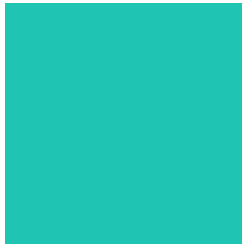
50.1910, -15.8702, 97.1795



10.3230, -3.1172, 19.8877

Previews

White Background



This preview shows how the YUV color 144.6130, 16.4598, -99.6386 looks on a white background.

Color Contrast Check

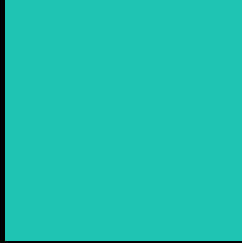
Large Text (above 18pt) WCAG AA × Fail

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 144.6130, 16.4598, -99.6386 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

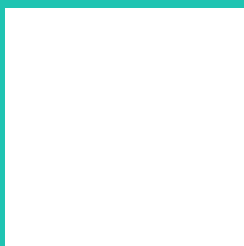
Any Text WCAG AAA ✓ Pass

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

YUV 144.6130, 16.4598, -99.6386 Background



This preview shows how black text looks on a background with the YUV color 144.6130, 16.4598, -99.6386.

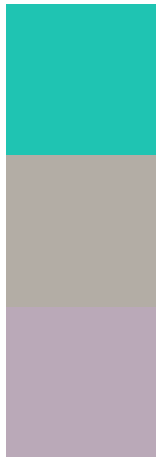


This preview shows how white text looks on a background with the YUV color 144.6130, 16.4598, -99.6386.

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

144.6130, 16.4598, -99.6386

Protanopia

173.8820, -4.3788, 4.4885

Deuteranopia

175.7930, 4.0461, 8.9515



Tritanopia

153.0460, 26.5993, -85.1093

Trichromacy



Original Color

144.6130, 16.4598, -99.6386



Protanomaly

163.0020, 3.4500, -33.3278



Deuteranomaly

164.6910, 8.5333, -30.4240



Tritanomaly

149.6880, 22.8318, -90.0574

Monochromacy



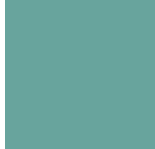
Original Color

144.6130, 16.4598, -99.6386



Achromatopsia

145.0000, 0.0000, 0.0000



Achromatomaly

145.2620, 5.7868, -36.1868

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.6130, 16.4598, -99.6386 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(31, 196, 178)` looks like.

```
.text, #text, p{  
    color:rgb(31, 196, 178)  
}
```

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(31, 196, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 196, 178) }
```

Border

The CSS property to change the border of an element to YUV 144.6130, 16.4598, -99.6386 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(31, 196, 178) }
```


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

```
.border{ border-color:rgb(31, 196, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 196, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 196, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 196, 178);  
box-shadow:4px 4px 4px 4px rgb(31, 196,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 144.6130, 16.4598, -99.6386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 196, 178) }
```

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

```
.background{ background-color: rgb(31, 196,  
178) }
```

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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