

Converting Colors

YUV(140.5150, 15.0291,
-107.4457)

Have a look what the booklet for
YUV(140.5150, 15.0291, -107.4457)
contains.

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Color

**YUV(140.5150, 15.0291,
-107.4457)**

Conversions

Conversions Part 1

Format	Color
Hex	12C5AB
RGB	18, 197, 171
RGB Percent	7%, 77%, 67%
CMY	0.9294, 0.2275, 0.3294
CMYK	0.91, 0.00, 0.13, 0.23
HSL	171°, 83%, 42%
HSV	171°, 91%, 77%
XYZ	27.5664, 43.0014, 45.3753
YIQ	140.5150, -98.3380, -46.0340

Conversions

Conversions Part 2

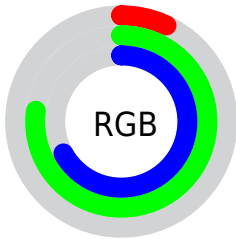
Format	Color
RYB	18, 115, 197
Decimal	1230251
CIELab	71.56, -46.43, 1.57
CIELCh	72, 46.456, 178.063
Yxy	43.0014, 0.2378, 0.3709
Android (android.graphics.Color)	4279420331 (0xFF12C5AB)
YUV	140.5150, 15.0291, -107.4457
Hunter-Lab	65.5754, -39.7198, 4.8768

Details

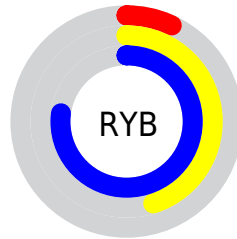
The YUV color **140.5150, 15.0291, -107.4457** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **74.4850, -15.0291, 107.4457**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.2570, 9.7333, -88.8024**, and **96.9200, 10.8854, -84.9988** is the 20% darker color. If you saturate the color by 10%, you get **134.7910, 16.3720, -118.2117**, and if you desaturate by 10%, it is **146.8370, 13.3914, -95.4500**.

Distribution



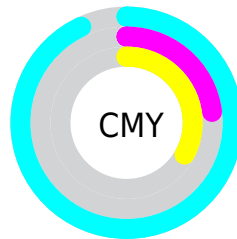
- Red (7%)
- Green (77%)
- Blue (67%)



- Red (7%)
- Yellow (45%)
- Blue (77%)



- Cyan (91%)
- Magenta (0%)
- Yellow (13%)
- Black (23%)



- Cyan (93%)
- Magenta (23%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.5150, 15.0291, -107.4457 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 140.5150, 15.0291, -107.4457 by changing the saturation by 10% instead.

140.5150, 15.0291,
-107.4457

140.5150, 15.0291,
-107.4457

255.0000, 0.0000,
0.0000

115.7330, 14.4286,
-101.4978

206.2570, 9.7333,
-88.8024

96.9200, 10.8854,
-84.9988

219.7180, 17.3940,
-72.5437

78.8080, 7.4897,
-69.1146

228.9870, 12.8244,
-53.4856

60.9240, 4.9675,
-53.4303

238.2560, 8.2548,
-34.4275

44.2140, 1.8665,
-38.7757

247.5250, 3.6852,
-15.3694

28.9060, -0.9397,
-25.3506

6.6850, -2.3097,

-5.8627

■ 0.0000, 0.0000,
0.0000

■ 140.5150, 15.0291,
-107.4457

■ 140.5150, 15.0291,
-107.4457

■ 134.7910, 16.3720,
-118.2117

■ 146.8370, 13.3914,
-95.4500

■ 152.8600, 11.9010,
-84.0692

■ 159.1820, 10.2633,
-72.0736

■ 165.3900, 8.1887,
-59.9780

■ 171.7120, 6.5510,
-47.9824

■ 177.7350, 5.0606,
-36.6016

■ 184.0570, 3.4229,
-24.6060

■ 190.3790, 1.7852,
-12.6104

■ 196.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



160.5880, -15.5729, -45.2427



140.5150, 15.0291, -107.4457



140.0350, 36.4647, -122.8107

Triad

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



140.5150, 15.0291, -107.4457



177.6800, 35.6538, -2.3504



174.8780, -34.9429, 54.4810

Complementary

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



140.5150, 15.0291, -107.4457



74.4850, -15.0291, 107.4457

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.



176.5050, -18.9830, 68.8401



140.5150, 15.0291, -107.4457



180.5190, 19.9571, 39.0098

Square

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



140.5150, 15.0291, -107.4457



164.3310, 44.6998, -57.2953



178.6350, 0.6729, 64.3411



172.1060, -40.9713, 27.9710

Rectangle

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



140.5150, 15.0291, -107.4457



140.8960, 47.3793, -123.5658



178.6350, 0.6729, 64.3411



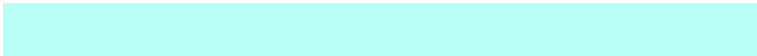
175.4750, -30.3072, 60.9734

Sweetspot

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



140.5150, 15.0291, -107.4457



233.2290, 5.8031, -41.4198



131.1460, -55.7810, -75.5500



115.0570, 3.4229, -24.6060



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.



140.5150, 15.0291, -107.4457



174.5370, 21.4273, -153.0689



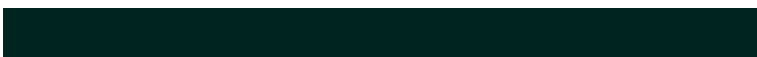
106.4980, 44.6175, -77.6127



96.1950, 0.8899, -5.4330



111.5270, 13.5442, -97.8092



24.6660, 3.1227, -21.6321

Inverse Universe

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



74.4850, -15.0291, 107.4457



80.4630, -21.4273, 153.0689



108.5020, -44.6175, 77.6127



92.8050, -0.8899, 5.4330



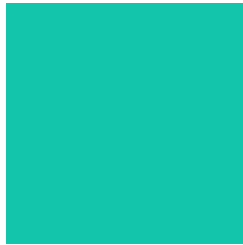
51.4730, -13.5442, 97.8092



11.3340, -3.1227, 21.6321

Previews

White Background



This preview shows how the YUV color 140.5150, 15.0291, -107.4457 looks on a white background.

Color Contrast Check

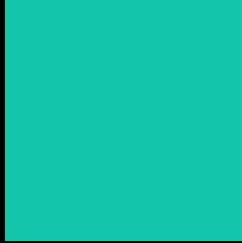
Large Text (above 18pt) WCAG AA × Fail

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 140.5150, 15.0291, -107.4457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

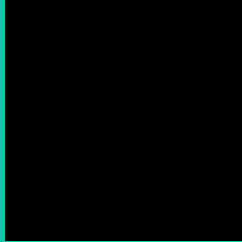
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

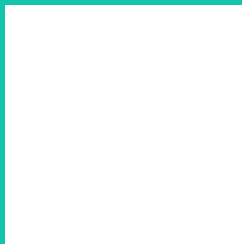
Any Text WCAG AAA ✓ Pass

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

YUV 140.5150, 15.0291, -107.4457 Background



This preview shows how black text looks on a background with the YUV color 140.5150, 15.0291, -107.4457.

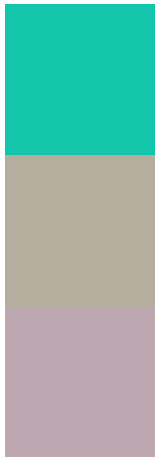


This preview shows how white text looks on a background with the YUV color 140.5150, 15.0291, -107.4457.

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

140.5150, 15.0291, -107.4457

Protanopia

173.6820, -7.7312, 6.4179

Deuteranopia

175.3050, 0.8356, 12.0105



Tritanopia

153.0460, 26.5993, -85.1093

Trichromacy



Original Color

140.5150, 15.0291, -107.4457



Protanomaly

161.8940, 0.5453, -34.9870



Deuteranomaly

162.9960, 5.9180, -31.5685



Tritanomaly

148.5520, 22.4059, -93.4461

Monochromacy



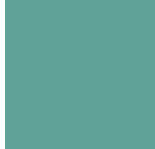
Original Color

140.5150, 15.0291, -107.4457



Achromatopsia

141.0000, 0.0000, 0.0000



Achromatomaly

140.5390, 5.6503, -39.0607

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.5150, 15.0291, -107.4457 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(18, 197, 171)` looks like.

```
.text, #text, p{  
  color:rgb(18, 197, 171)  
}
```

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(18, 197, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 197, 171) }
```

Border

The CSS property to change the border of an element to YUV 140.5150, 15.0291, -107.4457 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(18, 197, 171) }
```


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

```
.border{ border-color:rgb(18, 197, 171) }
```

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

Here you see how a box with a 4 pixel rgb(18, 197, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 197, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 197, 171);  
box-shadow:4px 4px 4px 4px rgb(18, 197,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 140.5150, 15.0291, -107.4457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 197, 171) }
```

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

```
.background{ background-color: rgb(18, 197,  
171) }
```

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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