

Converting Colors

YUV(140.4050, -1.6787,
-115.2422)

Have a look what the booklet for
YUV(140.4050, -1.6787, -115.2422)
contains.

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Color

**YUV(140.4050, -1.6787,
-115.2422)**

Conversions

Conversions Part 1

Format	Color
Hex	09D089
RGB	9, 208, 137
RGB Percent	4%, 82%, 54%
CMY	0.9647, 0.1843, 0.4627
CMYK	0.96, 0.00, 0.34, 0.18
HSL	159°, 92%, 43%
HSV	159°, 96%, 82%
XYZ	27.1839, 46.9760, 31.3014
YIQ	140.4050, -95.8130, -64.2690

Conversions

Conversions Part 2

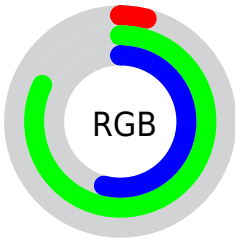
Format	Color
RYB	9, 130, 208
Decimal	643209
CIELab	74.17, -59.25, 23.48
CIELCh	74, 63.735, 158.387
Yxy	46.9760, 0.2578, 0.4454
Android (android.graphics.Color)	4278833289 (0xFF09D089)
YUV	140.4050, -1.6787, -115.2422
Hunter-Lab	68.5390, -49.1468, 20.8999

Details

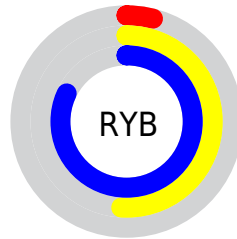
The YUV color **140.4050, -1.6787, -115.2422** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **76.5950, 1.6787, 115.2422**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.5550, -5.6966, -86.4327**, and **99.1420, -5.9860, -86.9475** is the 20% darker color. If you saturate the color by 10%, you get **137.3720, -1.6624, -120.4752**, and if you desaturate by 10%, it is **147.4820, -1.7166, -103.0317**.

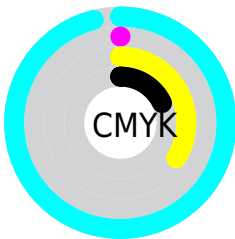
Distribution



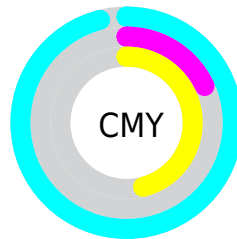
- Red (4%)
- Green (82%)
- Blue (54%)



- Red (4%)
- Yellow (51%)
- Blue (82%)



- Cyan (96%)
- Magenta (0%)
- Yellow (34%)
- Black (18%)



- Cyan (96%)
- Magenta (18%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.4050, -1.6787, -115.2422 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 140.4050, -1.6787, -115.2422 by changing the saturation by 10% instead.

■ 140.4050, -1.6787,
-115.2422

■ 140.4050, -1.6787,
-115.2422

■ 255.0000, 0.0000,
0.0000

■ 118.3140, -3.6058,
-103.7614

■ 202.5550, -5.6966,
-86.4327

■ 99.1420, -5.9860,
-86.9475

■ 215.6140, 1.6693,
-68.9445

■ 80.5570, -8.6556,
-70.6485

■ 228.0750, 9.3300,
-52.6858

■ 62.6730, -11.1778,
-54.9642

■ 238.2560, 8.2548,
-34.4275

■ 45.4900, -13.5526,
-39.8947

■ 247.5250, 3.6852,
-15.3694

■ 29.9370, -14.7589,
-26.2547

■ 13.5010, -6.6560,

-11.8404

■ 0.0000, 0.0000,
0.0000

■ 140.4050, -1.6787,
-115.2422

■ 140.4050, -1.6787,
-115.2422

■ 137.3720, -1.6624,
-120.4752

■ 147.4820, -1.7166,
-103.0317

■ 154.6730, -1.3178,
-90.9212

■ 161.4510, -1.2083,
-79.3255

■ 168.6420, -0.8095,
-67.2150

■ 175.7190, -0.8475,
-55.0046

■ 182.9100, -0.4486,
-42.8941

■ 189.9870, -0.4866,
-30.6836

■ 196.7650, -0.3771,
-19.0879

■ 203.9560, 0.0217,
-6.9774

Harmonies

Analogous

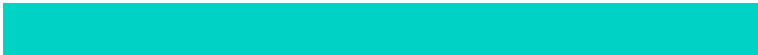
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



167.7540, -40.7977, -27.8483



140.4050, -1.6787, -115.2422



146.4290, 25.4245, -128.4182

Triad

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



140.4050, -1.6787, -115.2422



165.7930, 43.9791, -59.4545



171.8940, -29.0347, 72.8840

Complementary

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



140.4050, -1.6787, -115.2422



76.5950, 1.6787, 115.2422

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.



171.1200, -1.5382, 73.5628



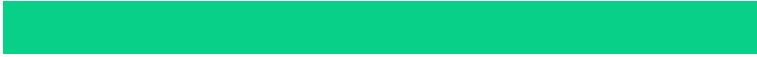
140.4050, -1.6787, -115.2422



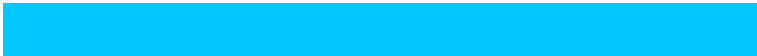
184.8830, 34.5677, 19.3966

Square

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



140.4050, -1.6787, -115.2422



146.4700, 53.5053, -128.4542



182.5420, 21.9178, 63.5457



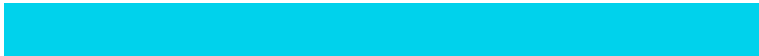
178.4000, -53.4412, 61.0392

Rectangle

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



140.4050, -1.6787, -115.2422



150.1740, 42.3122, -131.7026



182.5420, 21.9178, 63.5457



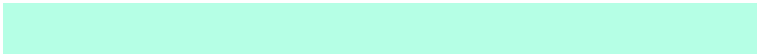
170.3100, -19.8728, 74.2731

Sweetspot

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



140.4050, -1.6787, -115.2422



229.9100, -0.4486, -42.8941



147.6400, -68.3495, -57.5663



112.7210, -0.3555, -26.0653



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.



140.4050, -1.6787, -115.2422



168.3810, -2.1598, -147.6701



132.6500, 37.1475, -108.4411



101.2550, -0.1257, -6.3626



110.9280, -1.4435, -97.2839



27.0310, -0.5083, -23.7062

Inverse Universe

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



76.5950, 1.6787, 115.2422



86.6190, 2.1598, 147.6701



84.3500, -37.1475, 108.4411



97.7450, 0.1257, 6.3626



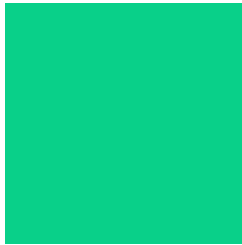
57.0720, 1.4435, 97.2839



13.9690, 0.5083, 23.7062

Previews

White Background



This preview shows how the YUV color 140.4050, -1.6787, -115.2422 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 140.4050, -1.6787, -115.2422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

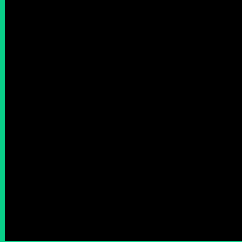
Any Text WCAG AA ✓ Pass

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 140.4050, -1.6787, -115.2422 Background



This preview shows how black text looks on a background with the YUV color 140.4050, -1.6787, -115.2422.

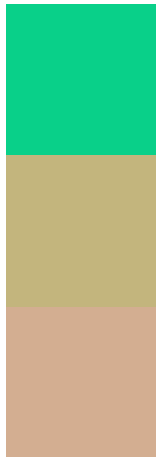


This preview shows how white text looks on a background with the YUV color 140.4050, -1.6787,

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

140.4050, -1.6787, -115.2422

Protanopia

178.8020, -26.5244, 14.2056

Deuteranopia

181.7570, -18.1212, 25.6461



Tritanopia

162.5630, 25.8514, -78.5468

Trichromacy



Original Color

140.4050, -1.6787, -115.2422



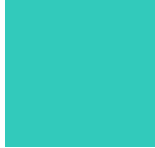
Protanomaly

164.7960, -17.6474, -33.1471



Deuteranomaly

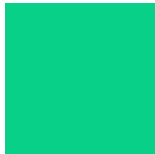
166.6320, -12.1436, -25.1103



Tritanomaly

154.8420, 15.8539, -91.9464

Monochromacy



Original Color

140.4050, -1.6787, -115.2422



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

140.2090, -0.5960, -42.2793

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.4050, -1.6787, -115.2422 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, 208, 137)` looks like.

```
.text, #text, p{  
    color:rgb(9, 208, 137)  
}
```

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, 208, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 208, 137) }
```

Border

The CSS property to change the border of an element to YUV 140.4050, -1.6787, -115.2422 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, 208, 137) }
```


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

```
.border{ border-color:rgb(9, 208, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 208, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 208, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 208, 137);  
box-shadow:4px 4px 4px 4px rgb(9, 208,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 140.4050, -1.6787, -115.2422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 208, 137) }
```

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

```
.background{ background-color: rgb(9, 208,  
137) }
```

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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