

Converting Colors

YUV(146.3050, -6.5594,
-89.7215)

Have a look what the booklet for
YUV(146.3050, -6.5594, -89.7215)
contains.

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Color

**YUV(146.3050, -6.5594,
-89.7215)**

Conversions

Conversions Part 1

Format	Color
Hex	2CC985
RGB	44, 201, 133
RGB Percent	17%, 79%, 52%
CMY	0.8275, 0.2118, 0.4784
CMYK	0.78, 0.00, 0.34, 0.21
HSL	154°, 64%, 48%
HSV	154°, 78%, 79%
XYZ	26.1590, 44.0022, 29.3049
YIQ	146.3050, -71.7440, -54.4320

Conversions

Conversions Part 2

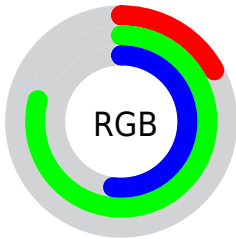
Format	Color
RYB	44, 144, 201
Decimal	2935173
CIELab	72.23, -55.07, 22.99
CIELCh	72, 59.674, 157.338
Yxy	44.0022, 0.2630, 0.4424
Android (android.graphics.Color)	4281125253 (0xFF2CC985)
YUV	146.3050, -6.5594, -89.7215
Hunter-Lab	66.3342, -45.6930, 20.2410

Details

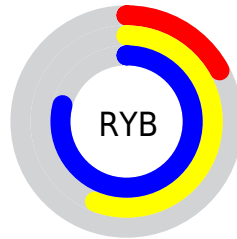
The YUV color **146.3050, -6.5594, -89.7215** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **98.6950, 6.5594, 89.7215**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.2740, -9.5021, -79.1703**, and **95.1640, -5.9969, -83.4588** is the 20% darker color. If you saturate the color by 10%, you get **139.2990, -7.5424, -101.1172**, and if you desaturate by 10%, it is **153.3110, -5.5763, -78.3257**.

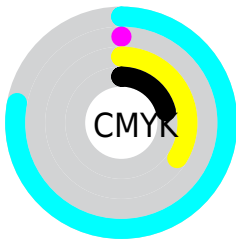
Distribution



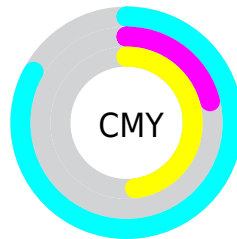
- Red (17%)
- Green (79%)
- Blue (52%)



- Red (17%)
- Yellow (56%)
- Blue (79%)



- Cyan (78%)
- Magenta (0%)
- Yellow (34%)
- Black (21%)



- Cyan (83%)
- Magenta (21%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.3050, -6.5594, -89.7215 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 146.3050, -6.5594, -89.7215 by changing the saturation by 10% instead.

■ 146.3050, -6.5594,
-89.7215

■ 146.3050, -6.5594,
-89.7215

255.0000, 0.0000,
0.0000

■ 113.7490, -3.3273,
-99.7579

■ 205.2740, -9.5021,
-79.1703

■ 95.1640, -5.9969,
-83.4588

■ 217.4360, -1.6939,
-63.5264

■ 76.5790, -8.6664,
-67.1598

■ 230.0110, 6.4036,
-47.3676

■ 58.8090, -10.7518,
-51.5755

■ 240.3490, 7.2229,
-30.1241

■ 41.6260, -13.1266,
-36.5060

■ 249.6180, 2.6533,
-11.0660

■ 27.0020, -13.3120,
-23.6808

■ 8.8050, -4.3409,

-7.7220

■ 0.0000, 0.0000,
0.0000

■ 146.3050, -6.5594,
-89.7215

■ 146.3050, -6.5594,
-89.7215

■ 139.2990, -7.5424,
-101.1172

■ 153.3110, -5.5763,
-78.3257

■ 132.4070, -8.0887,
-112.6129

■ 160.2030, -5.0301,
-66.8300

■ 130.9830, -8.3726,
-114.8721

■ 167.2090, -4.0470,
-55.4343


■ 174.2150, -3.0640,
-44.0386

■ 181.5200, -2.2284,
-32.0280

 188.4120, -1.6821,
-20.5323

 195.4180, -0.6991,
-9.1366

 202.4240, 0.2840,
2.2592

 209.3160, 0.8302,
13.7549

Harmonies

Analogous

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



164.0580, -38.4826, -23.7299



146.3050, -6.5594, -89.7215



141.2940, 23.5191, -123.9148

Triad

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



146.3050, -6.5594, -89.7215



163.4450, 45.1366, -57.3953



170.8340, -28.0192, 73.8136

Complementary

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



146.3050, -6.5594, -89.7215



98.6950, 6.5594, 89.7215

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.



170.3050, -2.1224, 74.2775



146.3050, -6.5594, -89.7215



180.4310, 36.7625, 15.4080

Square

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



146.3050, -6.5594, -89.7215



142.9480, 55.2416, -125.3654



180.8580, 19.2970, 64.1455



173.9420, -48.7784, 58.8099

Rectangle

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



146.3050, -6.5594, -89.7215



144.9250, 39.9700, -127.0992



180.8580, 19.2970, 64.1455



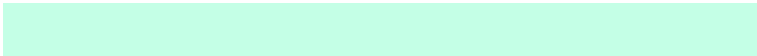
169.7230, -19.5834, 74.7879

Sweetspot

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



146.3050, -6.5594, -89.7215



234.5090, -2.2229, -33.7724



156.4910, -55.4581, -39.0186



115.4120, -1.6821, -20.5323



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.



146.3050, -6.5594, -89.7215



171.3840, -10.0493, -137.1488



148.1870, 26.0368, -91.3720



95.8530, -0.4205, -5.1331



106.2830, -6.5485, -93.2102



23.4120, -1.6821, -20.5323

Inverse Universe

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



98.6950, 6.5594, 89.7215



98.6160, 10.0493, 137.1488



96.8130, -26.0368, 91.3720



93.1470, 0.4205, 5.1331



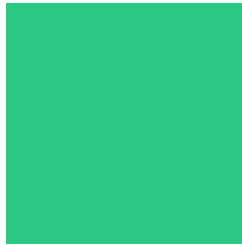
56.8310, 6.9853, 93.1102



12.4740, 1.2453, 20.6323

Previews

White Background



This preview shows how the YUV color 146.3050, -6.5594, -89.7215 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 146.3050, -6.5594, -89.7215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

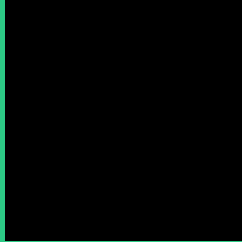
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 146.3050, -6.5594, -89.7215

Background



This preview shows how black text looks on a background with the YUV color 146.3050, -6.5594, -89.7215.



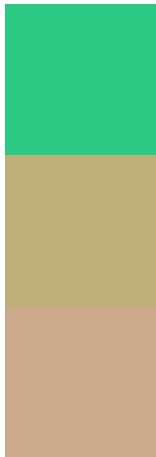
This preview shows how white text looks on a background with the YUV color 146.3050, -6.5594,

-89.7215.

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

146.3050, -6.5594, -89.7215

Protanopia

173.4430, -25.3614, 14.5205

Deuteranopia

176.4580, -17.9738, 25.0313



Tritanopia

160.2220, 23.0616, -70.3547

Trichromacy



Original Color

146.3050, -6.5594, -89.7215



Protanomaly

163.3350, -18.4062, -23.0958



Deuteranomaly

165.5190, -14.0599, -17.1182



Tritanomaly

155.0180, 12.3161, -77.1918

Monochromacy



Original Color

146.3050, -6.5594, -89.7215



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

146.1070, -2.5178, -32.5428

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.3050, -6.5594, -89.7215 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(44, 201, 133)` looks like.

```
.text, #text, p{  
    color:rgb(44, 201, 133)  
}
```

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(44, 201, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 201, 133) }
```

Border

The CSS property to change the border of an element to YUV 146.3050, -6.5594, -89.7215 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(44, 201, 133) }
```


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

```
.border{ border-color:rgb(44, 201, 133) }
```

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

Here you see how a box with a 4 pixel rgb(44, 201, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 201, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 201, 133);  
box-shadow:4px 4px 4px 4px rgb(44, 201,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 146.3050, -6.5594, -89.7215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 201, 133) }
```

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

```
.background{ background-color: rgb(44, 201,  
133) }
```

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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