

Converting Colors

YUV(144.3480, 4.7584,
-126.5932)

Have a look what the booklet for
YUV(144.3480, 4.7584, -126.5932)
contains.

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Color

**YUV(144.3480, 4.7584,
-126.5932)**

Conversions

Conversions Part 1

Format	Color
Hex	00D89A
RGB	0, 216, 154
RGB Percent	0%, 85%, 60%
CMY	1.0000, 0.1529, 0.3961
CMYK	1.00, 0.00, 0.29, 0.15
HSL	163°, 100%, 42%
HSV	163°, 100%, 85%
XYZ	30.3886, 51.4448, 38.9001
YIQ	144.3480, -108.8340, -65.0740

Conversions

Conversions Part 2

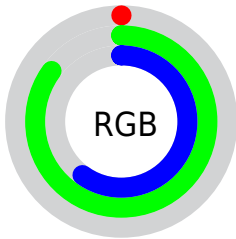
Format	Color
RYB	0, 126, 216
Decimal	55450
CIELab	76.95, -58.74, 18.34
CIElCh	77, 61.537, 162.660
Yxy	51.4448, 0.2517, 0.4261
Android (android.graphics.Color)	4278245530 (0xFF00D89A)
YUV	144.3480, 4.7584, -126.5932
Hunter-Lab	71.7250, -49.8916, 18.0516

Details

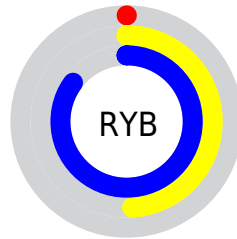
The YUV color **144.3480, 4.7584, -126.5932** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **71.6520, -4.7584, 126.5932**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.9060, 2.0183, -87.6176**, and **105.6620, -1.3124, -92.6656** is the 20% darker color. If you saturate the color by 10%, you get **144.3480, 4.7584, -126.5932**, and if you desaturate by 10%, it is **151.6100, 4.1363, -113.6680**.

Distribution



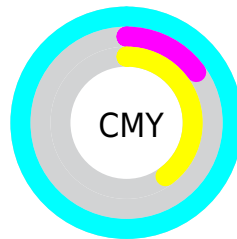
- Red (0%)
- Green (85%)
- Blue (60%)



- Red (0%)
- Yellow (49%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.3480, 4.7584, -126.5932 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 144.3480, 4.7584, -126.5932 by changing the saturation by 10% instead.

144.3480, 4.7584,
-126.5932

144.3480, 4.7584,
-126.5932

255.0000, 0.0000,
0.0000

124.9480, 1.5046,
-109.5794

204.9060, 2.0183,
-87.6176

105.6620, -1.3124,
-92.6656

217.9650, 9.3843,
-70.1293

86.9630, -4.4188,
-76.2666

229.5850, 12.5296,
-52.2560

68.4920, -6.6516,
-60.0675

238.8540, 7.9600,
-33.1980

51.3090, -9.0263,
-44.9980

248.1230, 3.3904,
-14.1399

34.2400, -10.9643,
-30.0285

18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 144.3480, 4.7584,
-126.5932

■ 151.6100, 4.1363,
-113.6680

■ 158.5730, 3.6615,
-101.3575

■ 165.9490, 3.4761,
-88.5323

■ 172.9120, 3.0014,
-76.2218

■ 180.1740, 2.3792,
-63.2966

■ 187.4360, 1.7571,
-50.3714

■ 194.3990, 1.2823,
-38.0609

■ 201.7750, 1.0969,
-25.2357

■ 208.7380, 0.6222,
-12.9252

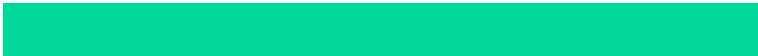
Harmonies

Analogous

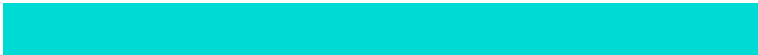
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



174.3880, -35.6873, -33.6663



144.3480, 4.7584, -126.5932



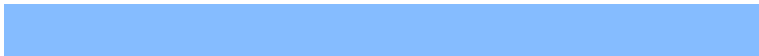
152.2480, 29.9507, -133.5215

Triad

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



144.3480, 4.7584, -126.5932



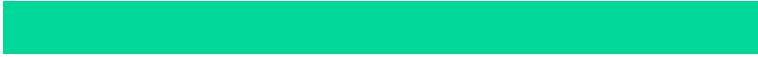
179.1930, 37.3729, -40.5113



179.7530, -31.9232, 65.9916

Complementary

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



144.3480, 4.7584, -126.5932



71.6520, -4.7584, 126.5932

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.



177.5770, -4.7215, 67.9000



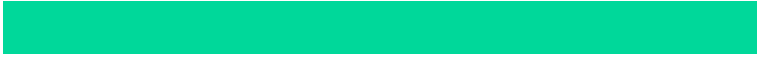
144.3480, 4.7584, -126.5932



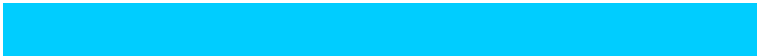
193.2000, 30.4674, 27.8886

Square

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



144.3480, 4.7584, -126.5932



149.4050, 52.0583, -131.0282



187.0100, 18.7291, 59.6272



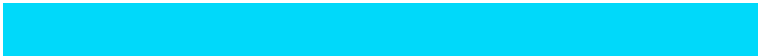
186.0680, -53.2775, 55.1914

Rectangle

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



144.3480, 4.7584, -126.5932



155.8790, 46.4017, -136.7059



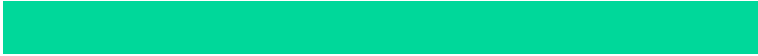
187.0100, 18.7291, 59.6272



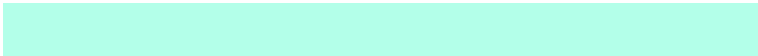
178.1690, -22.7613, 67.3808

Sweetspot

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



144.3480, 4.7584, -126.5932



229.7680, 1.5934, -44.5235



146.2270, -72.0899, -71.2361



112.6500, 0.6656, -26.8800



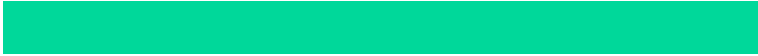
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



144.3480, 4.7584, -126.5932



170.4330, 5.7025, -149.4697



126.1750, 44.2837, -110.6555



103.3690, 0.3111, -6.4626



114.2850, 3.8035, -100.2279



28.7750, 1.0969, -25.2357

Inverse Universe

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



71.6520, -4.7584, 126.5932



84.5670, -5.7025, 149.4697



89.8250, -44.2837, 110.6555



99.6310, -0.3111, 6.4626



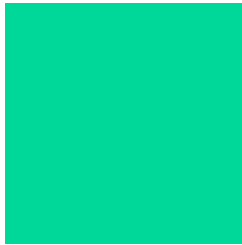
56.7150, -3.8035, 100.2279



14.2250, -1.0969, 25.2357

Previews

White Background



This preview shows how the YUV color 144.3480, 4.7584, -126.5932 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 144.3480, 4.7584, -126.5932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

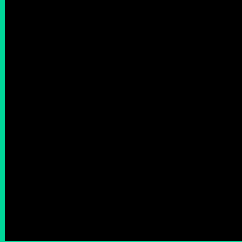
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

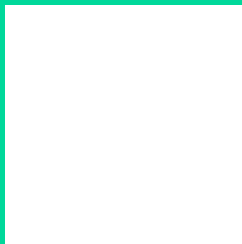
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 144.3480, 4.7584, -126.5932

Background



This preview shows how black text looks on a background with the YUV color 144.3480, 4.7584, -126.5932.

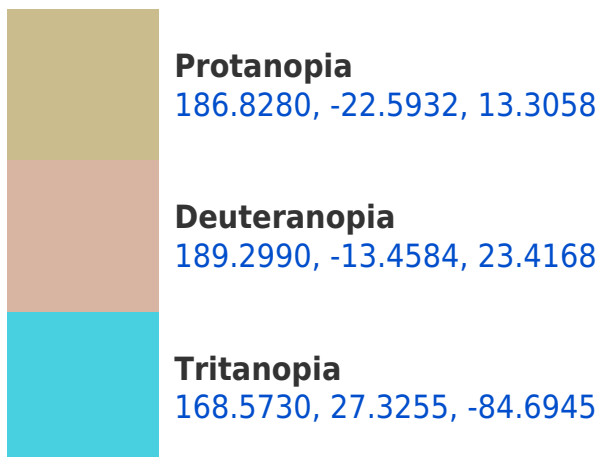


This preview shows how white text looks on a background with the YUV color 144.3480, 4.7584, -126.5932.

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



Trichromacy



Protanomaly

171.4410, -12.5424, -37.2208

Deuteranomaly

172.9670, -6.8857, -31.5431

Tritanomaly

159.7100, 19.3700, -99.7237

Monochromacy



Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

144.1700, 1.8882, -45.7531

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.3480, 4.7584, -126.5932 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(0, 216, 154)` looks like.

```
.text, #text, p{  
    color:rgb(0, 216, 154)  
}
```

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(0, 216, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 216, 154) }
```

Border

The CSS property to change the border of an element to YUV 144.3480, 4.7584, -126.5932 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(0, 216, 154) }
```

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

```
.border{ border-color:rgb(0, 216, 154) }
```

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

Here you see how a box with a 4 pixel rgb(0, 216, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 216, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 216, 154);  
box-shadow:4px 4px 4px 4px rgb(0, 216,  
154) }
```


Background

The CSS property to change the background color of an element to YUV 144.3480, 4.7584, -126.5932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 216, 154) }
```

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

```
.background{ background-color: rgb(0, 216,  
154) }
```

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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