

Converting Colors

YUV(156.6470, 4.6110,
-125.9784)

Have a look what the booklet for
YUV(156.6470, 4.6110, -125.9784)
contains.

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Color

**YUV(156.6470, 4.6110,
-125.9784)**

Conversions

Conversions Part 1

Format	Color
Hex	0DE4A6
RGB	13, 228, 166
RGB Percent	5%, 89%, 65%
CMY	0.9490, 0.1059, 0.3490
CMYK	0.94, 0.00, 0.27, 0.11
HSL	163°, 89%, 47%
HSV	163°, 94%, 89%
XYZ	34.7923, 58.3255, 45.5006
YIQ	156.6470, -108.2380, -64.8620

Conversions

Conversions Part 2

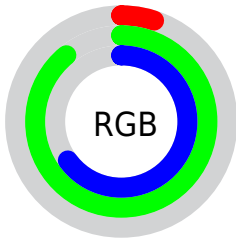
Format	Color
RYB	13, 139, 228
Decimal	910502
CIELab	80.92, -60.08, 17.58
CIELCh	81, 62.602, 163.694
Yxy	58.3255, 0.2510, 0.4208
Android (android.graphics.Color)	4279100582 (0xFF0DE4A6)
YUV	156.6470, 4.6110, -125.9784
Hunter-Lab	76.3712, -52.3305, 18.1359

Details

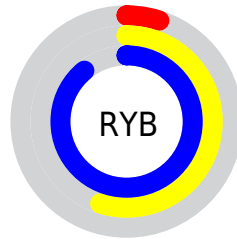
The YUV color **156.6470, 4.6110, -125.9784** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **84.3530, -4.6110, 125.9784**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.0680, 6.3755, -85.1286**, and **113.3730, 0.3091, -99.4281** is the 20% darker color. If you saturate the color by 10%, you get **152.3040, 4.7801, -133.5706**, and if you desaturate by 10%, it is **164.3220, 4.2783, -112.5384**.

Distribution



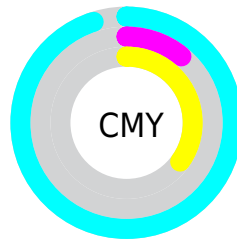
- Red (5%)
- Green (89%)
- Blue (65%)



- Red (5%)
- Yellow (55%)
- Blue (89%)



- Cyan (94%)
- Magenta (0%)
- Yellow (27%)
- Black (11%)



- Cyan (95%)
- Magenta (11%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.6470, 4.6110, -125.9784 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 156.6470, 4.6110, -125.9784 by changing the saturation by 10% instead.

■ 156.6470, 4.6110,
-125.9784

■ 156.6470, 4.6110,
-125.9784

■ 255.0000, 0.0000,
0.0000

■ 132.7730, 3.5629,
-116.4419

■ 208.0680, 6.3755,
-85.1286

■ 113.3730, 0.3091,
-99.4281

■ 221.2410, 14.1782,
-67.7404

■ 94.6740, -2.7973,
-83.0291

■ 231.3790, 11.6452,
-48.5674

■ 76.2030, -5.0301,
-66.8300

■ 240.9470, 6.9281,
-28.8945

■ 58.3190, -7.5523,
-51.1458

■ 250.2160, 2.3585,
-9.8364

■ 41.2500, -9.4902,
-36.1763

■ 24.6540, -12.1544,

-21.6216

■ 3.5220, -1.7363,
-3.0888

■ 0.0000, 0.0000,
0.0000

■ 156.6470, 4.6110,
-125.9784

■ 156.6470, 4.6110,
-125.9784

■ 152.3040, 4.7801,
-133.5706

■ 164.3220, 4.2783,
-112.5384

■ 171.8830, 3.5087,
-98.9984

■ 179.2590, 3.3233,
-86.1731

■ 186.8200, 2.5537,
-72.6331

■ 194.4950, 2.2210,
-59.1931

■ 202.0560, 1.4514,
-45.6531

■ 209.7310, 1.1186,
-32.2131

■ 217.1070, 0.9332,
-19.3878

■ 224.6680, 0.1637,
-5.8478

Harmonies

Analogous

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



184.6650, -35.8238, -36.5402



156.6470, 4.6110, -125.9784



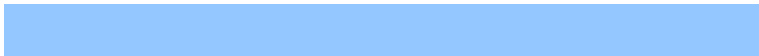
160.8880, 32.5932, -141.0988

Triad

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



156.6470, 4.6110, -125.9784



189.5480, 32.2678, -36.4376



186.5350, -31.3228, 60.0438

Complementary

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



156.6470, 4.6110, -125.9784



84.3530, -4.6110, 125.9784

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.



184.3590, -4.1210, 61.9522



156.6470, 4.6110, -125.9784



203.5550, 25.3624, 31.9623

Square

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



156.6470, 4.6110, -125.9784



155.8620, 48.8750, -136.6910



194.0200, 20.2031, 53.4795



195.2310, -53.8509, 52.4174

Rectangle

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



156.6470, 4.6110, -125.9784



163.4930, 45.1130, -143.3834



194.0200, 20.2031, 53.4795



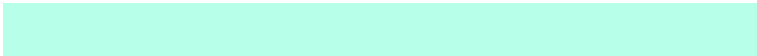
184.8370, -22.5976, 61.5330

Sweetspot

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



156.6470, 4.6110, -125.9784



231.3770, 1.2931, -41.5496



158.6400, -71.8005, -70.7213



113.3620, 0.8075, -25.7505



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.



156.6470, 4.6110, -125.9784



170.3190, 5.2657, -149.3698



138.4740, 44.1363, -110.0407



110.9560, 0.0217, -6.9774



119.5510, 3.6724, -104.8462



34.0410, 0.9658, -29.8540

Inverse Universe

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



84.3530, -4.6110, 125.9784



84.6810, -5.2657, 149.3698



102.5260, -44.1363, 110.0407



107.0440, -0.0217, 6.9774



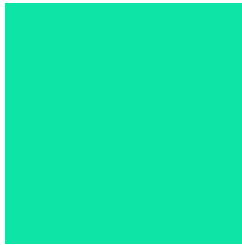
59.3350, -4.1092, 104.9462



16.9590, -0.9658, 29.8540

Previews

White Background



This preview shows how the YUV color 156.6470, 4.6110, -125.9784 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 156.6470, 4.6110, -125.9784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

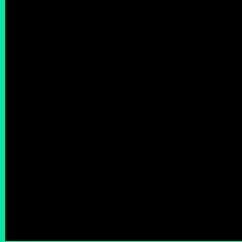
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

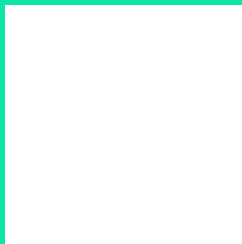
Any Text WCAG AAA ✓ Pass

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

YUV 156.6470, 4.6110, -125.9784 Background



This preview shows how black text looks on a background with the YUV color 156.6470, 4.6110, -125.9784.



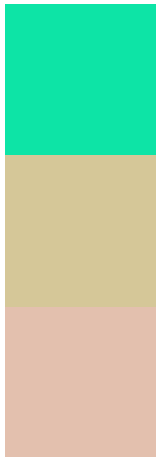
This preview shows how white text looks on a background with the YUV color 156.6470, 4.6110,

-125.9784.

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

156.6470, 4.6110, -125.9784

Protanopia

197.8280, -22.5932, 13.3058

Deuteranopia

200.4130, -13.0216, 23.3168



Tritanopia

177.9960, 29.0890, -90.3275

Trichromacy



Original Color

156.6470, 4.6110, -125.9784



Protanomaly

183.0280, -12.8318, -37.7356



Deuteranomaly

184.3800, -6.5963, -31.0283



Tritanomaly

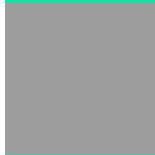
169.9160, 20.2544, -103.4123

Monochromacy



Original Color

156.6470, 4.6110, -125.9784



Achromatopsia

157.0000, 0.0000, 0.0000



Achromatomaly

157.0560, 1.4514, -45.6531

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.6470, 4.6110, -125.9784 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(13, 228, 166)` looks like.

```
.text, #text, p{  
    color:rgb(13, 228, 166)  
}
```

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(13, 228, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 228, 166) }
```

Border

The CSS property to change the border of an element to YUV 156.6470, 4.6110, -125.9784 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(13, 228, 166) }
```


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

```
.border{ border-color:rgb(13, 228, 166) }
```

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

Here you see how a box with a 4 pixel rgb(13, 228, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 228, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 228, 166);  
box-shadow:4px 4px 4px 4px rgb(13, 228,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 156.6470, 4.6110, -125.9784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 228, 166) }
```

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

```
.background{ background-color: rgb(13, 228,  
166) }
```

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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