

Converting Colors

YUV(156.3370, 4.7639,
-128.3375)

Have a look what the booklet for
YUV(156.3370, 4.7639, -128.3375)
contains.

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Color

**YUV(156.3370, 4.7639,
-128.3375)**

Conversions

Conversions Part 1

Format	Color
Hex	0AE5A6
RGB	10, 229, 166
RGB Percent	4%, 90%, 65%
CMY	0.9608, 0.1020, 0.3490
CMYK	0.96, 0.00, 0.28, 0.10
HSL	163°, 92%, 47%
HSV	163°, 96%, 90%
XYZ	35.0274, 58.8563, 45.5907
YIQ	156.3370, -110.3010, -66.0210

Conversions

Conversions Part 2

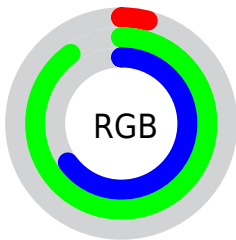
Format	Color
RYB	10, 138, 229
Decimal	714150
CIELab	81.21, -60.54, 17.98
CIELCh	81, 63.158, 163.457
Yxy	58.8563, 0.2511, 0.4220
Android (android.graphics.Color)	4278904230 (0xFF0AE5A6)
YUV	156.3370, 4.7639, -128.3375
Hunter-Lab	76.7179, -52.7578, 18.4686

Details

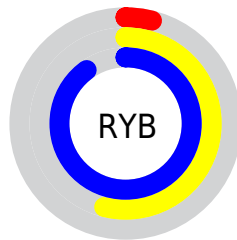
The YUV color **156.3370, 4.7639, -128.3375** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **82.6630, -4.7639, 128.3375**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.7690, 6.5229, -85.7434**, and **113.9600, 0.0197, -99.9429** is the 20% darker color. If you saturate the color by 10%, you get **153.0050, 4.9275, -134.1854**, and if you desaturate by 10%, it is **164.0120, 4.4311, -114.8975**.

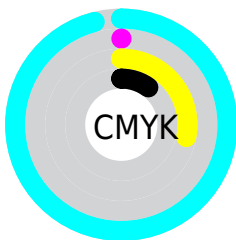
Distribution



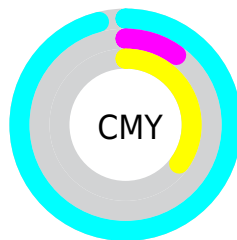
- Red (4%)
- Green (90%)
- Blue (65%)



- Red (4%)
- Yellow (54%)
- Blue (90%)



- Cyan (96%)
- Magenta (0%)
- Yellow (28%)
- Black (10%)



- Cyan (96%)
- Magenta (10%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.3370, 4.7639, -128.3375 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 156.3370, 4.7639, -128.3375 by changing the saturation by 10% instead.

156.3370, 4.7639,
-128.3375

156.3370, 4.7639,
-128.3375

255.0000, 0.0000,
0.0000

133.3600, 3.2735,
-116.9567

207.7690, 6.5229,
-85.7434

113.9600, 0.0197,
-99.9429

221.2410, 14.1782,
-67.7404

95.2610, -3.0867,
-83.5439

231.3790, 11.6452,
-48.5674

76.7900, -5.3195,
-67.3448

240.9470, 6.9281,
-28.8945

58.9060, -7.8417,
-51.6606

250.2160, 2.3585,
-9.8364

41.2500, -9.4902,
-36.1763

25.2410, -12.4438,

-22.1364

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,
0.0000

■ 156.3370, 4.7639,
-128.3375

■ 156.3370, 4.7639,
-128.3375

■ 153.0050, 4.9275,
-134.1854

■ 164.0120, 4.4311,
-114.8975

■ 171.5730, 3.6615,
-101.3575

■ 179.2480, 3.3287,
-87.9175

■ 186.8090, 2.5592,
-74.3775

■ 194.4840, 2.2264,
-60.9375

■ 201.8600, 2.0410,
-48.1122

■ 209.4210, 1.2714,
-34.5722

■ 217.0960, 0.9387,
-21.1322

■ 224.6570, 0.1691,
-7.5922

Harmonies

Analogous

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



185.5510, -36.2606, -36.4402



156.3370, 4.7639, -128.3375



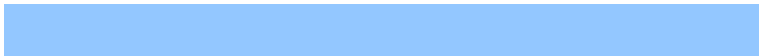
161.4750, 32.3038, -141.6136

Triad

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



156.3370, 4.7639, -128.3375



189.8360, 32.1259, -37.5672



187.1220, -31.6121, 59.5290

Complementary

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



156.3370, 4.7639, -128.3375



82.6630, -4.7639, 128.3375

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.



184.4730, -3.6842, 61.8522



156.3370, 4.7639, -128.3375



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.



156.3370, 4.7639, -128.3375



156.4490, 48.5856, -137.2058



194.2480, 21.0767, 53.2795



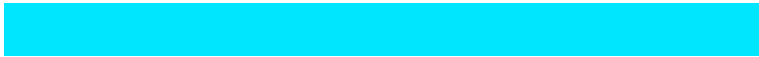
195.7040, -54.5771, 52.0026

Rectangle

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



156.3370, 4.7639, -128.3375



164.0800, 44.8236, -143.8982



194.2480, 21.0767, 53.2795



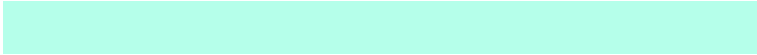
184.9510, -22.1608, 61.4330

Sweetspot

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



156.3370, 4.7639, -128.3375



230.4800, 1.7354, -43.3940



158.2870, -73.1055, -72.1657



113.0630, 0.9549, -26.3653



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.



156.3370, 4.7639, -128.3375



170.4330, 5.7025, -149.4697



137.6910, 45.0153, -111.9850



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.



82.6630, -4.7639, 128.3375



84.5670, -5.7025, 149.4697



101.3090, -45.0153, 111.9850



107.0440, -0.0217, 6.9774



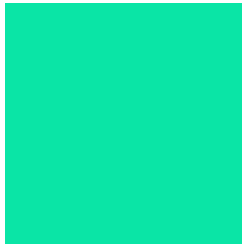
59.3350, -4.1092, 104.9462



16.9590, -0.9658, 29.8540

Previews

White Background



This preview shows how the YUV color 156.3370, 4.7639, -128.3375 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 156.3370, 4.7639, -128.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

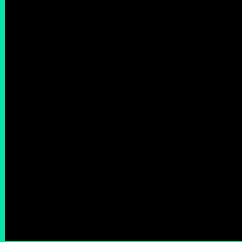
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

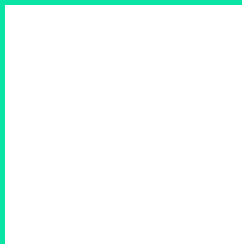
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 156.3370, 4.7639, -128.3375

Background



This preview shows how black text looks on a background with the YUV color 156.3370, 4.7639, -128.3375.



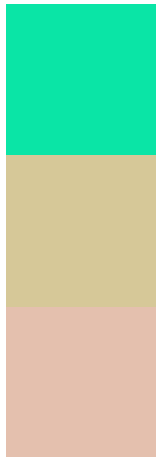
This preview shows how white text looks on a background with the YUV color 156.3370, 4.7639, -128.3375.

-128.3375.

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

156.3370, 4.7639, -128.3375

Protanopia

198.7140, -23.0300, 13.4058

Deuteranopia

200.7120, -13.1690, 23.9316



Tritanopia

178.9960, 29.0890, -90.3275

Trichromacy



Original Color

156.3370, 4.7639, -128.3375



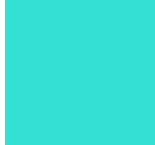
Protanomaly

183.6150, -13.1212, -38.2504



Deuteranomaly

184.3800, -6.5963, -31.0283



Tritanomaly

170.6170, 20.4018, -104.0271

Monochromacy



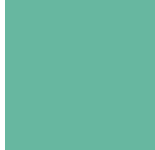
Original Color

156.3370, 4.7639, -128.3375



Achromatopsia

156.0000, 0.0000, 0.0000



Achromatomaly

156.4580, 1.7462, -46.8827

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.3370, 4.7639, -128.3375 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(10, 229, 166)` looks like.

```
.text, #text, p{  
    color:rgb(10, 229, 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(10, 229, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 229, 166) }
```

Border

The CSS property to change the border of an element to YUV 156.3370, 4.7639, -128.3375 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(10, 229, 166) }
```


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

```
.border{ border-color:rgb(10, 229, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 229, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 229, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 229, 166);  
box-shadow:4px 4px 4px 4px rgb(10, 229,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 156.3370, 4.7639, -128.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 229, 166) }
```

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

```
.background{ background-color: rgb(10, 229,  
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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