

Converting Colors

YUV(115.5860, -2.7539,
-96.9839)

Have a look what the booklet for
YUV(115.5860, -2.7539, -96.9839)
contains.

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Color

**YUV(115.5860, -2.7539,
-96.9839)**

Conversions

Conversions Part 1

Format	Color
Hex	05AD6E
RGB	5, 173, 110
RGB Percent	2%, 68%, 43%
CMY	0.9804, 0.3216, 0.5686
CMYK	0.97, 0.00, 0.36, 0.32
HSL	158°, 94%, 35%
HSV	158°, 97%, 68%
XYZ	17.8206, 31.0452, 19.8049
YIQ	115.5860, -79.9050, -55.2090

Conversions

Conversions Part 2

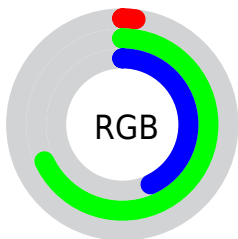
Format	Color
RYB	5, 108, 173
Decimal	372078
CIELab	62.55, -52.38, 22.11
CIELCh	63, 56.857, 157.121
Yxy	31.0452, 0.2595, 0.4521
Android (android.graphics.Color)	4278562158 (0xFF05AD6E)
YUV	115.5860, -2.7539, -96.9839
Hunter-Lab	55.7182, -40.4163, 17.9282

Details

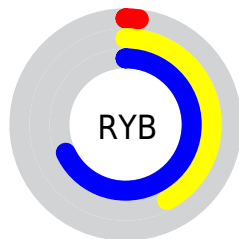
The YUV color **115.5860, -2.7539, -96.9839** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **62.4140, 2.7539, 96.9839**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.5840, -9.6549, -76.8112**, and **76.9210, -7.3561, -67.4597** is the 20% darker color. If you saturate the color by 10%, you get **113.8630, -2.8905, -99.8579**, and if you desaturate by 10%, it is **121.3530, -2.6390, -87.1326**.

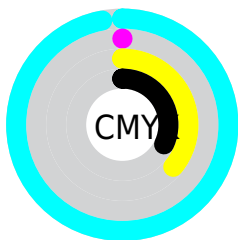
Distribution



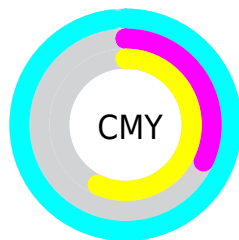
- Red (2%)
- Green (68%)
- Blue (43%)



- Red (2%)
- Yellow (42%)
- Blue (68%)



- Cyan (97%)
- Magenta (0%)
- Yellow (36%)
- Black (32%)



- Cyan (98%)
- Magenta (32%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.5860, -2.7539, -96.9839 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 115.5860, -2.7539, -96.9839 by changing the saturation by 10% instead.

■ 115.5860, -2.7539,
-96.9839

■ 115.5860, -2.7539,
-96.9839

■ 255.0000, 0.0000,
0.0000

■ 95.3920, -5.1233,
-83.6588

■ 181.5840, -9.6549,
-76.8112

■ 76.9210, -7.3561,
-67.4597

■ 208.3070, -9.5184,
-73.9372

■ 59.0370, -9.8782,
-51.7754

■ 220.4690, -1.7102,
-58.2933

■ 41.8540, -12.2530,
-36.7060

■ 232.7450, 6.5347,
-42.7494

■ 27.0020, -13.3120,
-23.6808

■ 242.7410, 6.0437,
-25.2059

■ 9.3920, -4.6303,
-8.2368

■ 252.0100, 1.4741,

■ 0.0000, 0.0000,

-6.1478

0.0000

■ 115.5860, -2.7539,
-96.9839

■ 115.5860, -2.7539,
-96.9839

■ 113.8630, -2.8905,
-99.8579

■ 121.3530, -2.6390,
-87.1326

■ 127.5330, -2.2348,
-76.7664

■ 133.3000, -2.1199,
-66.9151

■ 139.1810, -1.5682,
-57.1637

■ 145.2470, -1.6008,
-46.6976

■ 151.1280, -1.0491,
-36.9463

■ 156.8950, -0.9342,
-27.0949

■ 162.7760, -0.3826,
-17.3436

■ 168.8420, -0.4151,
-6.8774

Harmonies

Analogous

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



139.0520, -36.0146, -21.9706



115.5860, -2.7539, -96.9839



121.7800, 19.8285, -106.8011

Triad

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



115.5860, -2.7539, -96.9839



139.4690, 55.4778, -60.9243



148.9700, -27.5932, 77.2023

Complementary

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



115.5860, -2.7539, -96.9839



62.4140, 2.7539, 96.9839

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.



150.3660, -4.6174, 81.2400



115.5860, -2.7539, -96.9839



155.3490, 37.7889, 12.8489

Square

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



115.5860, -2.7539, -96.9839



125.8450, 58.2504, -110.3661



154.5970, 18.4397, 59.1124



147.5330, -45.1258, 53.9066

Rectangle

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



115.5860, -2.7539, -96.9839



125.0690, 34.9690, -109.6855



154.5970, 18.4397, 59.1124



149.2400, -20.3313, 81.3505

Sweetspot

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



115.5860, -2.7539, -96.9839



201.8290, -0.9017, -37.5610



122.7520, -58.0517, -47.1405



98.6290, -0.8031, -22.4766



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



115.5860, -2.7539, -96.9839



147.4480, -3.6719, -129.3119



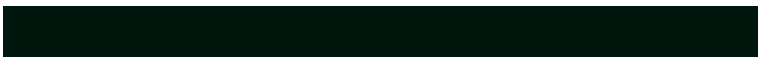
111.0280, 30.5522, -92.9866



83.8530, -0.4205, -5.1331



98.7660, -2.3496, -86.6178



15.0970, -0.5408, -13.2401

Inverse Universe

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



62.4140, 2.7539, 96.9839



76.5520, 3.6719, 129.3119



66.9720, -30.5522, 92.9866



81.0330, -0.0163, 5.2331



51.2340, 2.3496, 86.6178



7.9030, 0.5408, 13.2401

Previews

White Background



This preview shows how the YUV color 115.5860, -2.7539, -96.9839 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 115.5860, -2.7539, -96.9839 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 115.5860, -2.7539, -96.9839

Background



This preview shows how black text looks on a background with the YUV color 115.5860, -2.7539, -96.9839.



This preview shows how white text looks on a background with the YUV color 115.5860, -2.7539, -96.9839.

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

115.5860, -2.7539, -96.9839

Protanopia

148.1870, -23.7562, 12.9910

Deuteranopia

150.4900, -16.5106, 22.3723



Tritanopia

135.3860, 21.0087, -65.2365

Trichromacy



Original Color

115.5860, -2.7539, -96.9839



Protanomaly

136.2960, -15.9219, -26.5696



Deuteranomaly

138.0670, -11.8650, -21.1068



Tritanomaly

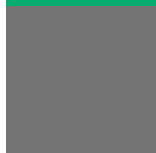
128.3170, 12.1687, -76.5770

Monochromacy



Original Color

115.5860, -2.7539, -96.9839



Achromatopsia

116.0000, 0.0000, 0.0000



Achromatomaly

116.1390, -1.0545, -35.2019

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.5860, -2.7539, -96.9839 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(5, 173, 110)` looks like.

```
.text, #text, p{  
    color:rgb(5, 173, 110)  
}
```

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(5, 173, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 173, 110) }
```

Border

The CSS property to change the border of an element to YUV 115.5860, -2.7539, -96.9839 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(5, 173, 110) }
```


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

```
.border{ border-color:rgb(5, 173, 110) }
```

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

Here you see how a box with a 4 pixel rgb(5, 173, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 173, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 173, 110);  
box-shadow:4px 4px 4px 4px rgb(5, 173,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 115.5860, -2.7539, -96.9839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 173, 110) }
```

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

```
.background{ background-color: rgb(5, 173,  
110) }
```

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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