

Converting Colors

YUV(113.0650, -5.9480,
-99.1580)

Have a look what the booklet for
YUV(113.0650, -5.9480, -99.1580)
contains.

YUV(113.0650, -5.9480, -99.1580)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(113.0650, -5.9480,
-99.1580)**

Conversions

Conversions Part 1

Format	Color
Hex	00AD65
RGB	0, 173, 101
RGB Percent	0%, 68%, 40%
CMY	1.0000, 0.3216, 0.6039
CMYK	1.00, 0.00, 0.42, 0.32
HSL	155°, 100%, 34%
HSV	155°, 100%, 68%
XYZ	17.2925, 30.8267, 17.3507
YIQ	113.0650, -79.9960, -59.0680

Conversions

Conversions Part 2

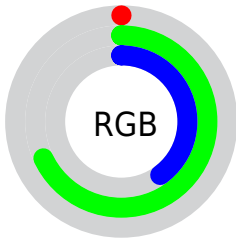
Format	Color
RYB	0, 109, 173
Decimal	44389
CIELab	62.36, -54.44, 26.68
CIELCh	62, 60.627, 153.897
Yxy	30.8267, 0.2641, 0.4709
Android (android.graphics.Color)	4278234469 (0xFF00AD65)
YUV	113.0650, -5.9480, -99.1580
Hunter-Lab	55.5218, -41.5685, 20.3370

Details

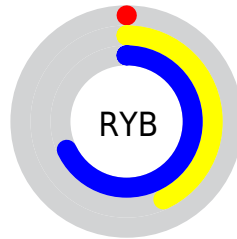
The YUV color **113.0650, -5.9480, -99.1580** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **59.9350, 5.9480, 99.1580**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.9600, -13.2913, -77.1409**, and **75.8950, -11.2872, -66.5599** is the 20% darker color. If you saturate the color by 10%, you get **113.0650, -5.9480, -99.1580**, and if you desaturate by 10%, it is **118.9460, -5.3964, -89.4066**.

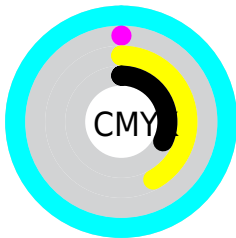
Distribution



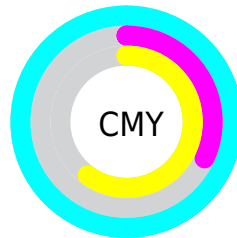
- Red (0%)
- Green (68%)
- Blue (40%)



- Red (0%)
- Yellow (43%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (32%)



- Cyan (100%)
- Magenta (32%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.0650, -5.9480, -99.1580 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 113.0650, -5.9480, -99.1580 by changing the saturation by 10% instead.

■ 113.0650, -5.9480,
-99.1580

■ 113.0650, -5.9480,
-99.1580

■ 255.0000, 0.0000,
0.0000

■ 94.3660, -9.0544,
-82.7590

■ 179.9600,
-13.2913, -77.1409

■ 75.8950, -11.2872,
-66.5599

■ 206.9820,
-13.3021, -73.6522

■ 58.0110, -13.8094,
-50.8756

■ 219.0300, -5.9308,
-57.9083

■ 40.7140, -16.6210,
-35.7062

■ 231.3060, 2.3141,
-42.3644

■ 27.0020, -13.3120,
-23.6808

■ 242.4420, 6.1911,
-25.8206

■ 8.8050, -4.3409,
-7.7220

■ 251.7110, 1.6215,

■ 0.0000, 0.0000,

-6.7625

0.0000

■ 113.0650, -5.9480,
-99.1580

■ 118.9460, -5.3964,
-89.4066

■ 125.1260, -4.9921,
-79.0405

■ 131.1210, -4.0037,
-69.3891

■ 137.0020, -3.4520,
-59.6378

■ 143.1820, -3.0477,
-49.2716

■ 149.0630, -2.4961,
-39.5203

■ 154.9440, -1.9444,
-29.7689

■ 160.9390, -0.9559,
-20.1175

■ 167.1190, -0.5517,
-9.7514

Harmonies

Analogous

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



137.9940, -41.4090, -18.4117



113.0650, -5.9480, -99.1580



121.0960, 17.2077, -106.2012

Triad

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



113.0650, -5.9480, -99.1580



123.0450, 65.0538, -99.1405



147.3560, -26.3045, 83.8798

Complementary

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



113.0650, -5.9480, -99.1580



59.9350, 5.9480, 99.1580

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.



148.6100, -1.2867, 86.2880



113.0650, -5.9480, -99.1580



153.6840, 43.0468, 6.4161

Square

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



113.0650, -5.9480, -99.1580



127.3610, 58.9820, -111.6956



153.9220, 22.2235, 58.8274



146.7080, -47.1840, 60.7691

Rectangle

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



113.0650, -5.9480, -99.1580



125.3140, 33.3692, -109.9004



153.9220, 22.2235, 58.8274



147.4410, -18.4584, 87.3132

Sweetspot

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



113.0650, -5.9480, -99.1580



200.7750, -2.3541, -38.3907



123.0790, -60.6779, -44.7963



98.1020, -1.5293, -22.8915



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.



113.0650, -5.9480, -99.1580



146.4220, -7.6030, -128.4121



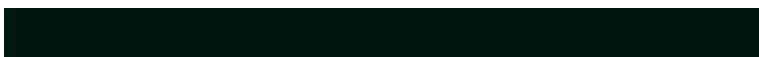
113.0550, 29.5529, -99.1492



83.8530, -0.4205, -5.1331



98.0820, -4.9704, -86.0179



14.9830, -0.9776, -13.1401

Inverse Universe

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



59.9350, 5.9480, 99.1580



77.5780, 7.6030, 128.4121



59.9450, -29.5529, 99.1492



81.1470, 0.4205, 5.1331



52.0320, 5.4072, 85.9179



8.0170, 0.9776, 13.1401

Previews

White Background



This preview shows how the YUV color 113.0650, -5.9480, -99.1580 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 113.0650, -5.9480, -99.1580 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 113.0650, -5.9480, -99.1580 Background



This preview shows how black text looks on a background with the YUV color 113.0650, -5.9480, -99.1580.



This preview shows how white text looks on a background with the YUV color 113.0650, -5.9480,

-99.1580.

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

113.0650, -5.9480, -99.1580

Protanopia

147.5740, -27.3980, 14.4056

Deuteranopia

149.4750, -20.4472, 25.0164



Tritanopia

135.2830, 20.5665, -63.3922

Trichromacy



Original Color

113.0650, -5.9480, -99.1580



Protanomaly

134.6720, -19.5583, -26.8993



Deuteranomaly

136.1550, -15.3594, -20.3069



Tritanomaly

126.9750, 10.8583, -76.2771

Monochromacy



Original Color

113.0650, -5.9480, -99.1580



Achromatopsia

113.0000, 0.0000, 0.0000



Achromatomaly

113.1990, -2.0701, -36.1315

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.0650, -5.9480, -99.1580 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, 173, 101)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 101)  
}
```

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, 173, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 101) }
```

Border

The CSS property to change the border of an element to YUV 113.0650, -5.9480, -99.1580 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, 173, 101) }
```


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

```
.border{ border-color:rgb(0, 173, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 173, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 101);  
box-shadow:4px 4px 4px 4px rgb(0, 173,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 113.0650, -5.9480, -99.1580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 101) }
```

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

```
.background{ background-color: rgb(0, 173,  
101) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor