

Converting Colors

YUV(116.7610, 2.0898,
-63.8114)

Have a look what the booklet for
YUV(116.7610, 2.0898, -63.8114)
contains.

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Color

**YUV(116.7610, 2.0898,
-63.8114)**

Conversions

Conversions Part 1

Format	Color
Hex	2C9979
RGB	44, 153, 121
RGB Percent	17%, 60%, 47%
CMY	0.8275, 0.4000, 0.5255
CMYK	0.71, 0.00, 0.21, 0.40
HSL	162°, 55%, 39%
HSV	162°, 71%, 60%
XYZ	15.8811, 24.6984, 22.0194
YIQ	116.7610, -54.6920, -33.0600

Conversions

Conversions Part 2

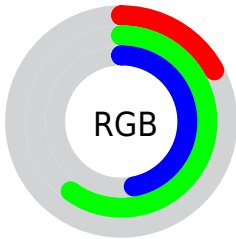
Format	Color
RYB	44, 108, 153
Decimal	2922873
CIELab	56.78, -38.32, 8.09
CIElCh	57, 39.161, 168.079
Yxy	24.6984, 0.2537, 0.3945
Android (android.graphics.Color)	4281112953 (0xFF2C9979)
YUV	116.7610, 2.0898, -63.8114
Hunter-Lab	49.6975, -29.9299, 8.5187

Details

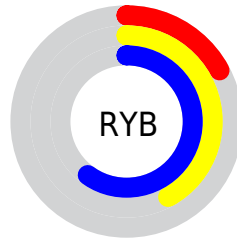
The YUV color **116.7610, 2.0898, -63.8114** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **80.2390, -2.0898, 63.8114**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.2130, -0.1050, -59.8228**, and **67.4950, 2.2210, -59.1931** is the 20% darker color. If you saturate the color by 10%, you get **111.8200, 2.5537, -72.6331**, and if you desaturate by 10%, it is **121.7020, 1.6259, -54.9897**.

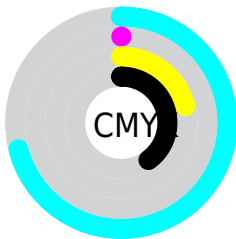
Distribution



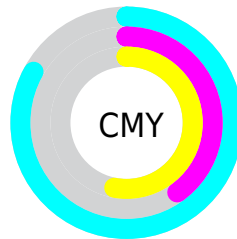
- Red (17%)
- Green (60%)
- Blue (47%)



- Red (17%)
- Yellow (42%)
- Blue (60%)



- Cyan (71%)
- Magenta (0%)
- Yellow (21%)
- Black (40%)



- Cyan (83%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.7610, 2.0898, -63.8114 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 116.7610, 2.0898, -63.8114 by changing the saturation by 10% instead.

■ 116.7610, 2.0898,
-63.8114

■ 116.7610, 2.0898,
-63.8114

■ 255.0000, 0.0000,
0.0000

■ 85.4930, 5.1800,
-74.9774

■ 173.2130, -0.1050,
-59.8228

■ 67.4950, 2.2210,
-59.1931

■ 201.8000, -0.3944,
-60.3376

■ 50.3120, -0.1538,
-44.1236

■ 224.2290, 2.3521,
-54.5748

■ 33.8300, -2.3812,
-29.6689

■ 235.8640, 9.4340,
-39.3457

■ 19.2400, -7.5133,
-16.8735

■ 244.5350, 5.1592,
-21.5172

■ 0.0000, 0.0000,
0.0000

■ 253.5050, 0.7370,

-3.0739

■ 116.7610, 2.0898,
-63.8114

■ 116.7610, 2.0898,
-63.8114

■ 111.8200, 2.5537,
-72.6331

■ 121.7020, 1.6259,
-54.9897

■ 106.4660, 2.7283,
-81.9697

■ 127.0560, 1.4514,
-45.6531

■ 102.1230, 2.8974,
-89.5619

■ 131.9970, 0.9875,
-36.8314

■ 137.0520, 0.9604,
-28.1096

■ 142.2920, 0.3490,
-18.6731

■ 147.3470, 0.3219,
-9.9513

■ 152.2880, -0.1420,
-1.1296

■ 157.3430, -0.1691,
7.5922

■ 162.5830, -0.7804,
17.0287

Harmonies

Analogous

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



126.9110, -18.6901, -25.3549



116.7610, 2.0898, -63.8114



108.1820, 23.5743, -94.8756

Triad

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



116.7610, 2.0898, -63.8114



136.2670, 31.9134, -16.0202



136.0050, -24.1595, 49.1076

Complementary

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



116.7610, 2.0898, -63.8114



80.2390, -2.0898, 63.8114

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.



137.4200, -10.0671, 55.7597



116.7610, 2.0898, -63.8114



139.9360, 20.7376, 21.9811

Square

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



116.7610, 2.0898, -63.8114



120.8260, 40.5118, -67.3764



139.4910, 5.6739, 46.9274



134.7070, -32.3936, 30.0750

Rectangle

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



116.7610, 2.0898, -63.8114



109.4020, 33.3258, -95.9456



139.4910, 5.6739, 46.9274



136.7650, -20.0971, 52.8261

Sweetspot

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



116.7610, 2.0898, -63.8114



185.0740, 0.9495, -24.6209



117.8500, -36.4080, -35.8254



91.0260, 0.4802, -14.0548



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



116.7610, 2.0898, -63.8114



142.7690, 3.0719, -98.8984



107.4950, 22.4340, -55.6851



74.2660, -0.1311, -4.6183



93.4660, 2.7283, -81.9697



8.6570, 0.1691, -7.5922

Inverse Universe

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



80.2390, -2.0898, 63.8114



86.1170, -3.5087, 98.9984



89.5050, -22.4340, 55.6851



71.6200, -0.3057, 4.7183



46.5340, -2.7283, 81.9697



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 116.7610, 2.0898, -63.8114 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 116.7610, 2.0898, -63.8114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

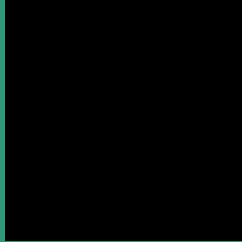
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.7610, 2.0898, -63.8114 Background



This preview shows how black text looks on a background with the YUV color 116.7610, 2.0898, -63.8114.



This preview shows how white text looks on a background with the YUV color 116.7610, 2.0898,

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

116.7610, 2.0898, -63.8114

Protanopia

134.7700, -11.2256, 7.2177

Deuteranopia

136.7090, -5.2795, 13.4102



Tritanopia

123.6540, 17.9186, -54.0706

Trichromacy



Original Color

116.7610, 2.0898, -63.8114

Protanomaly

128.4570, -6.6343, -18.8178

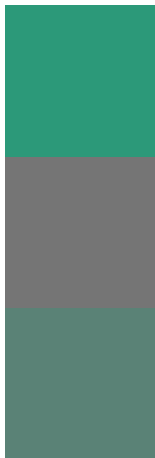
Deuteranomaly

129.5160, -2.7194, -14.4845

Tritanomaly

121.1390, 12.2565, -58.0039

Monochromacy



Original Color

116.7610, 2.0898, -63.8114

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.6720, 0.6547, -23.3913

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.7610, 2.0898, -63.8114 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(44, 153, 121)` looks like.

```
.text, #text, p{  
    color:rgb(44, 153, 121)  
}
```

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(44, 153, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 153, 121) }
```

Border

The CSS property to change the border of an element to YUV 116.7610, 2.0898, -63.8114 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(44, 153, 121) }
```


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

```
.border{ border-color:rgb(44, 153, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 153, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 153, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 153, 121);  
box-shadow:4px 4px 4px 4px rgb(44, 153,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 116.7610, 2.0898, -63.8114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 153, 121) }
```

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

```
.background{ background-color: rgb(44, 153,  
121) }
```

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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