

Converting Colors

YUV(115.9830, 1.9804,
-75.4071)

Have a look what the booklet for
YUV(115.9830, 1.9804, -75.4071)
contains.

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Color

**YUV(115.9830, 1.9804,
-75.4071)**

Conversions

Conversions Part 1

Format	Color
Hex	1E9F78
RGB	30, 159, 120
RGB Percent	12%, 62%, 47%
CMY	0.8824, 0.3765, 0.5294
CMYK	0.81, 0.00, 0.25, 0.38
HSL	162°, 68%, 37%
HSV	162°, 81%, 62%
XYZ	16.3237, 26.4284, 22.0101
YIQ	115.9830, -64.3650, -39.4770

Conversions

Conversions Part 2

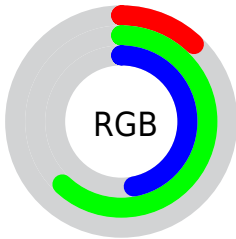
Format	Color
R_{YB}	30, 106, 159
Decimal	2006904
CIE _{Lab}	58.44, -42.94, 10.97
CIE _{LCh}	58, 44.321, 165.670
Y _{xy}	26.4284, 0.2521, 0.4081
Android (android.graphics.Color)	4280196984 (0xFF1E9F78)
YUV	115.9830, 1.9804, -75.4071
Hunter-Lab	51.4085, -33.2859, 10.6014

Details

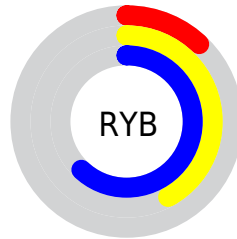
The YUV color **115.9830, 1.9804, -75.4071** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **73.0170, -1.9804, 75.4071**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.1150, -1.5357, -67.6299**, and **70.3160, 0.3372, -61.6671** is the 20% darker color. If you saturate the color by 10%, you get **110.6290, 2.1549, -84.7436**, and if you desaturate by 10%, it is **121.3370, 1.8059, -66.0705**.

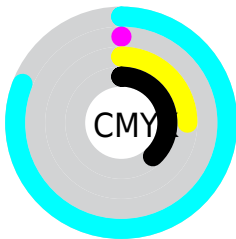
Distribution



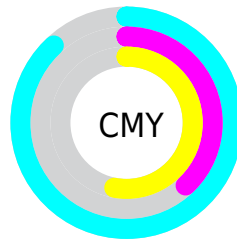
- Red (12%)
- Green (62%)
- Blue (47%)



- Red (12%)
- Yellow (42%)
- Blue (62%)



- Cyan (81%)
- Magenta (0%)
- Yellow (25%)
- Black (38%)



- Cyan (88%)
- Magenta (38%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.9830, 1.9804, -75.4071 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 115.9830, 1.9804, -75.4071 by changing the saturation by 10% instead.

■ 115.9830, 1.9804,
-75.4071

■ 115.9830, 1.9804,
-75.4071

■ 255.0000, 0.0000,
0.0000

■ 88.3140, 3.2962,
-77.4514

■ 175.1150, -1.5357,
-67.6299

■ 70.3160, 0.3372,
-61.6671

■ 203.7130, -1.8305,
-66.4003

■ 53.1330, -2.0376,
-46.5976

■ 222.6200, 2.6523,
-57.5487

■ 36.6510, -4.2649,
-32.1429

■ 234.3690, 10.1711,
-42.4196

■ 21.3600, -9.5445,
-18.7327

■ 243.0400, 5.8963,
-24.5911

■ 0.0000, 0.0000,
0.0000

■ 252.0100, 1.4741,

-6.1478

■ 115.9830, 1.9804,
-75.4071

■ 115.9830, 1.9804,
-75.4071

■ 110.6290, 2.1549,
-84.7436

■ 121.3370, 1.8059,
-66.0705

■ 105.9870, 2.4714,
-92.9506

■ 126.6910, 1.6313,
-56.7340

■ 131.9310, 1.0200,
-47.2975

■ 137.2850, 0.8455,
-37.9609

■ 142.6390, 0.6710,
-28.6244

■ 147.6940, 0.6439,
-19.9026

■ 153.0480, 0.4693,
-10.5661

■ 158.2880, -0.1420,
-1.1296

■ 163.6420, -0.3165,
8.2070

Harmonies

Analogous

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



129.8740, -22.6159, -26.1995



115.9830, 1.9804, -75.4071



112.1600, 23.5851, -98.3643

Triad

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



115.9830, 1.9804, -75.4071



139.0040, 37.4660, -23.6825



140.1800, -26.2177, 55.9701

Complementary

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



115.9830, 1.9804, -75.4071



73.0170, -1.9804, 75.4071

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.



141.2900, -9.5100, 63.7667



115.9830, 1.9804, -75.4071



144.3750, 24.9581, 21.5961

Square

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



115.9830, 1.9804, -75.4071



112.5600, 50.5029, -98.7151



143.6210, 8.5678, 52.0754



138.3010, -36.6304, 35.6930

Rectangle

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



115.9830, 1.9804, -75.4071



114.4230, 34.7945, -100.3490



143.6210, 8.5678, 52.0754



140.4670, -21.4292, 60.1034

Sweetspot

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



115.9830, 1.9804, -75.4071



190.3400, 0.8184, -29.2392



117.9820, -43.3751, -41.2032



94.5910, 0.2016, -18.0583



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



115.9830, 1.9804, -75.4071



139.9470, 2.9841, -117.4715



106.3410, 25.9609, -66.9511



76.3800, 0.3057, -4.7183



95.3410, 2.2969, -83.6141



10.0590, 0.4639, -8.8217

Inverse Universe

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



73.0170, -1.9804, 75.4071



73.0530, -2.9841, 117.4715



82.6590, -25.9609, 66.9511



73.7340, 0.1311, 4.6183



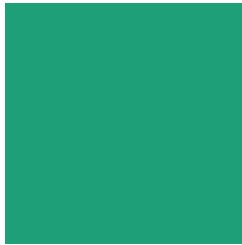
47.6590, -2.2969, 83.6141



5.0550, -0.0271, 8.7218

Previews

White Background



This preview shows how the YUV color 115.9830, 1.9804, -75.4071 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 115.9830, 1.9804, -75.4071 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 115.9830, 1.9804, -75.4071

Background



This preview shows how black text looks on a background with the YUV color 115.9830, 1.9804, -75.4071.



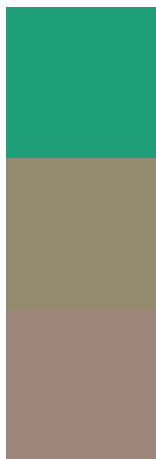
This preview shows how white text looks on a background with the YUV color 115.9830, 1.9804,

-75.4071.

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

115.9830, 1.9804, -75.4071

Protanopia

138.4990, -13.5570, 8.3324

Deuteranopia

140.1500, -7.4690, 15.6544



Tritanopia

125.6640, 19.3926, -60.2183

Trichromacy



Original Color

115.9830, 1.9804, -75.4071

Protanomaly

130.0930, -7.9338, -22.0066

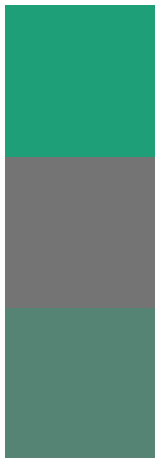
Deuteranomaly

131.1520, -4.0189, -17.6733

Tritanomaly

122.0240, 13.2992, -65.7960

Monochromacy



Original Color

115.9830, 1.9804, -75.4071

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.2370, 0.3762, -27.3948

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.9830, 1.9804, -75.4071 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(30, 159, 120)` looks like.

```
.text, #text, p{  
    color:rgb(30, 159, 120)  
}
```

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(30, 159, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 159, 120) }
```

Border

The CSS property to change the border of an element to YUV 115.9830, 1.9804, -75.4071 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(30, 159, 120) }
```


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

```
.border{ border-color:rgb(30, 159, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 159, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 159, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 159, 120);  
box-shadow:4px 4px 4px 4px rgb(30, 159,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 115.9830, 1.9804, -75.4071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 159, 120) }
```

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

```
.background{ background-color: rgb(30, 159,  
120) }
```

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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