

Converting Colors

YUV(117.6330, 9.5479,
-75.9771)

Have a look what the booklet for
YUV(117.6330, 9.5479, -75.9771)
contains.

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Color

**YUV(117.6330, 9.5479,
-75.9771)**

Conversions

Conversions Part 1

Format	Color
Hex	1F9E89
RGB	31, 158, 137
RGB Percent	12%, 62%, 54%
CMY	0.8784, 0.3804, 0.4627
CMYK	0.80, 0.00, 0.13, 0.38
HSL	170°, 67%, 37%
HSV	170°, 80%, 62%
XYZ	17.3073, 26.5512, 27.8796
YIQ	117.6330, -68.9510, -33.4550

Conversions

Conversions Part 2

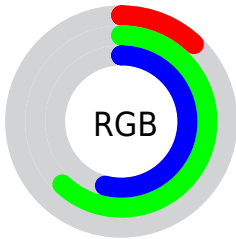
Format	Color
R_{YB}	31, 100, 158
Decimal	2072201
CIE _{Lab}	58.56, -37.96, 1.55
CIE _{LCh}	59, 37.996, 177.669
Yxy	26.5512, 0.2413, 0.3701
Android (android.graphics.Color)	4280262281 (0xFF1F9E89)
YUV	117.6330, 9.5479, -75.9771
Hunter-Lab	51.5278, -30.2187, 3.9901

Details

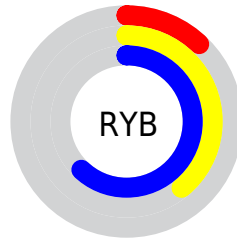
The YUV color **117.6330, 9.5479, -75.9771** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **71.3670, -9.5479, 75.9771**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.2920, 6.7580, -67.7851**, and **72.1400, 7.3260, -63.2668** is the 20% darker color. If you saturate the color by 10%, you get **112.5070, 10.5960, -85.5136**, and if you desaturate by 10%, it is **122.7590, 8.4998, -66.4406**.

Distribution



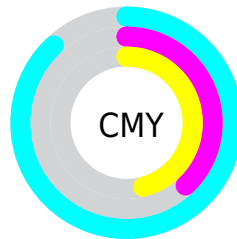
- Red (12%)
- Green (62%)
- Blue (54%)



- Red (12%)
- Yellow (39%)
- Blue (62%)



- Cyan (80%)
- Magenta (0%)
- Yellow (13%)
- Black (38%)



- Cyan (88%)
- Magenta (38%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.6330, 9.5479, -75.9771 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 117.6330, 9.5479, -75.9771 by changing the saturation by 10% instead.

■ 117.6330, 9.5479,
-75.9771

■ 117.6330, 9.5479,
-75.9771

■ 255.0000, 0.0000,
0.0000

■ 89.6650, 11.0112,
-78.6362

■ 176.2920, 6.7580,
-67.7851

■ 72.1400, 7.3260,
-63.2668

■ 205.4770, 6.1738,
-67.0703

■ 54.8430, 4.5144,
-48.0973

■ 225.0850, 10.8041,
-58.8335

■ 38.2470, 1.8502,
-33.5426

■ 234.6680, 10.0237,
-41.8048

■ 24.2270, -1.0979,
-21.2471

■ 243.6380, 5.6015,
-23.3615

■ 0.0000, 0.0000,
0.0000

■ 252.6080, 1.1793,

-4.9182

■ 117.6330, 9.5479,
-75.9771

■ 117.6330, 9.5479,
-75.9771

■ 112.5070, 10.5960,
-85.5136

■ 122.7590, 8.4998,
-66.4406

■ 107.7940, 11.9336,
-94.5353

■ 127.7710, 7.0149,
-56.8042

■ 132.5980, 6.1142,
-47.8824

■ 137.6100, 4.6293,
-38.2460

■ 142.7360, 3.5812,
-28.7095

■ 147.8620, 2.5330,
-19.1730

■ 152.8740, 1.0481,
-9.5365

■ 157.7010, 0.1474,
-0.6148

■ 162.8270, -0.9007,
8.9217

Harmonies

Analogous

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



129.7510, -12.6952, -34.8616



117.6330, 9.5479, -75.9771



112.2400, 28.9687, -98.4345

Triad

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



117.6330, 9.5479, -75.9771



142.7310, 28.2336, -2.3951



140.4620, -27.3428, 43.4448

Complementary

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



117.6330, 9.5479, -75.9771



71.3670, -9.5479, 75.9771

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.



141.8560, -14.7190, 54.5003



117.6330, 9.5479, -75.9771



145.0250, 15.7637, 30.6731

Square

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



117.6330, 9.5479, -75.9771



133.2310, 36.3681, -44.9296



143.5470, 0.7163, 50.3863



138.3640, -32.2245, 22.4828

Rectangle

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



117.6330, 9.5479, -75.9771



112.5310, 37.6992, -98.6897



143.5470, 0.7163, 50.3863



140.8200, -23.5753, 48.3929

Sweetspot

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



117.6330, 9.5479, -75.9771



191.0240, 3.4392, -29.8390



111.8280, -39.8482, -52.4692



95.1610, 2.3856, -18.5582



232.0000, 0.0000, 0.0000



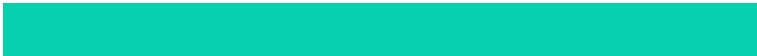
105.0000, 0.0000, 0.0000

Same Dimension

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



117.6330, 9.5479, -75.9771



143.7370, 14.9197, -119.0413



95.3730, 30.8751, -56.4551



76.4940, 0.7425, -4.8182



97.5070, 10.5960, -85.5136



10.2870, 1.3375, -9.0217

Inverse Universe

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



71.3670, -9.5479, 75.9771



71.2630, -14.9197, 119.0413



93.6270, -30.8751, 56.4551



73.5060, -0.7425, 4.8182



45.4930, -10.5960, 85.5136



4.8270, -0.9007, 8.9217

Previews

White Background



This preview shows how the YUV color 117.6330, 9.5479, -75.9771 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 117.6330, 9.5479, -75.9771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

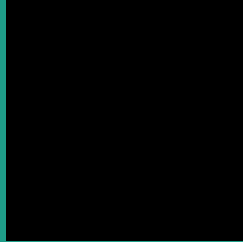
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.6330, 9.5479, -75.9771

Background



This preview shows how black text looks on a background with the YUV color 117.6330, 9.5479, -75.9771.



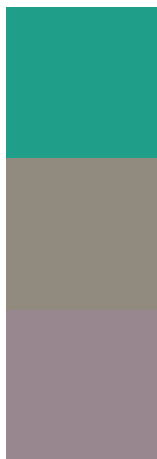
This preview shows how white text looks on a background with the YUV color 117.6330, 9.5479, -75.9771.

-75.9771.

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

117.6330, 9.5479, -75.9771

Protanopia

139.4260, -6.1260, 4.8884

Deuteranopia

140.8810, 0.5517, 9.7514



Tritanopia

124.5710, 20.4245, -64.5218

Trichromacy



Original Color

117.6330, 9.5479, -75.9771

Protanomaly

131.7320, -0.3609, -24.3210

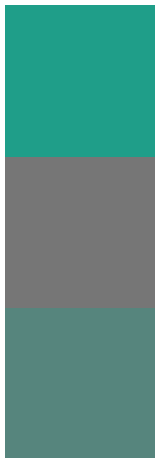
Deuteranomaly

132.1930, 3.8489, -21.2173

Tritanomaly

121.8110, 16.3622, -68.2402

Monochromacy



Original Color

117.6330, 9.5479, -75.9771

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0350, 3.4337, -28.0947

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.6330, 9.5479, -75.9771 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(31, 158, 137)` looks like.

```
.text, #text, p{  
    color:rgb(31, 158, 137)  
}
```

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(31, 158, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 158, 137) }
```

Border

The CSS property to change the border of an element to YUV 117.6330, 9.5479, -75.9771 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(31, 158, 137) }
```


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

```
.border{ border-color:rgb(31, 158, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 158, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(31, 158, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(31, 158, 137); box-shadow:4px 4px 4px 4px rgb(31, 158, 137) }
```

Background

The CSS property to change the background color of an element to YUV 117.6330, 9.5479, -75.9771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 158, 137) }
```

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

```
.background{ background-color: rgb(31, 158,  
137) }
```

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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