

Converting Colors

YUV(118.7610, -1.3612,
-76.9664)

Have a look what the booklet for
YUV(118.7610, -1.3612, -76.9664)
contains.

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Color

**YUV(118.7610, -1.3612,
-76.9664)**

Conversions

Conversions Part 1

Format	Color
Hex	1FA474
RGB	31, 164, 116
RGB Percent	12%, 64%, 45%
CMY	0.8784, 0.3569, 0.5451
CMYK	0.81, 0.00, 0.29, 0.36
HSL	158°, 68%, 38%
HSV	158°, 81%, 64%
XYZ	16.9929, 28.1032, 21.0518
YIQ	118.7610, -63.8600, -43.1240

Conversions

Conversions Part 2

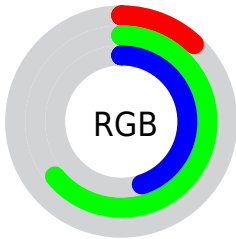
Format	Color
R_{YB}	31, 112, 164
Decimal	2073716
CIE _{Lab}	59.98, -45.83, 15.35
CIE _{LCh}	60, 48.338, 161.479
Yxy	28.1032, 0.2569, 0.4249
Android (android.graphics.Color)	4280263796 (0xFF1FA474)
YUV	118.7610, -1.3612, -76.9664
Hunter-Lab	53.0124, -35.5543, 13.5640

Details

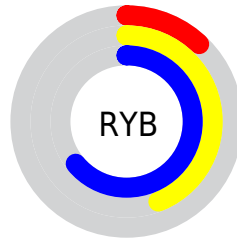
The YUV color **118.7610, -1.3612, -76.9664** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **76.2390, 1.3612, 76.9664**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.1920, -5.0247, -68.5744**, and **72.9090, -2.4201, -63.9412** is the 20% darker color. If you saturate the color by 10%, you get **113.2930, -1.6234, -86.2030**, and if you desaturate by 10%, it is **124.2290, -1.0989, -67.7298**.

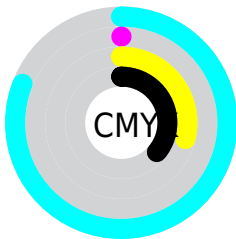
Distribution



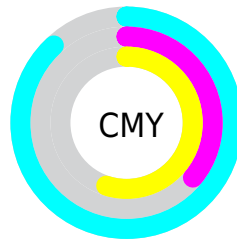
- Red (12%)
- Green (64%)
- Blue (45%)



- Red (12%)
- Yellow (44%)
- Blue (64%)



- Cyan (81%)
- Magenta (0%)
- Yellow (29%)
- Black (36%)



- Cyan (88%)
- Magenta (36%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.7610, -1.3612, -76.9664 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 118.7610, -1.3612, -76.9664 by changing the saturation by 10% instead.

■ 118.7610, -1.3612,
-76.9664

■ 118.7610, -1.3612,
-76.9664

255.0000, 0.0000,
0.0000

■ 90.7930, 0.1021,
-79.6255

■ 178.1920, -5.0247,
-68.5744

■ 72.9090, -2.4201,
-63.9412

■ 206.9640, -5.8983,
-68.3744

■ 55.6120, -5.2317,
-48.7717

■ 222.3490, 0.3209,
-56.4341

■ 38.5430, -7.1697,
-33.8022

■ 234.6250, 8.5659,
-40.8901

■ 23.4800, -11.5756,
-20.5920

■ 243.6380, 5.6015,
-23.3615

■ 0.0000, 0.0000,
0.0000

■ 252.6080, 1.1793,

-4.9182

■ 118.7610, -1.3612,
-76.9664

■ 118.7610, -1.3612,
-76.9664

■ 113.2930, -1.6234,
-86.2030

■ 124.2290, -1.0989,
-67.7298

■ 108.2380, -1.5963,
-94.9247

■ 129.9960, -0.9840,
-57.8785

■ 135.4640, -0.7218,
-48.6419

■ 141.2310, -0.6069,
-38.7906

■ 146.6990, -0.3446,
-29.5540

■ 152.1670, -0.0823,
-20.3175

■ 157.8200, -0.4043,
-10.3661

■ 163.2880, -0.1420,
-1.1296

■ 169.0550, -0.0271,
8.7218

Harmonies

Analogous

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



133.6310, -27.4261, -23.3554



118.7610, -1.3612, -76.9664



115.6820, 21.8488, -101.4531

Triad

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



118.7610, -1.3612, -76.9664



140.4200, 43.1769, -35.4483



143.5230, -26.3868, 63.5623

Complementary

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



118.7610, -1.3612, -76.9664



76.2390, 1.3612, 76.9664

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.



145.1920, -7.4897, 69.1146



118.7610, -1.3612, -76.9664



148.9060, 29.6263, 17.6224

Square

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



118.7610, -1.3612, -76.9664



117.2220, 53.1346, -102.8037



147.9570, 12.3462, 53.5347



142.2480, -39.5623, 42.7555

Rectangle

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



118.7610, -1.3612, -76.9664



118.2870, 34.3685, -103.7377



147.9570, 12.3462, 53.5347



144.0380, -20.7247, 67.4957

Sweetspot

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



118.7610, -1.3612, -76.9664



196.6990, -0.3446, -29.5540



123.7220, -45.7119, -38.3442



96.4770, -0.2352, -17.9583



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



118.7610, -1.3612, -76.9664



143.2580, -2.0992, -120.3753



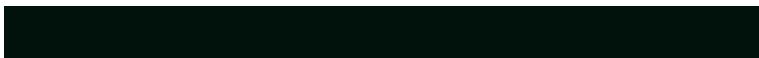
113.6670, 24.8142, -72.4990



78.9670, 0.0163, -5.2331



95.7170, -1.3395, -83.9438



11.8200, -0.4043, -10.3661

Inverse Universe

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



76.2390, 1.3612, 76.9664



76.7420, 2.0992, 120.3753



81.3330, -24.8142, 72.4990



76.0330, -0.0163, 5.2331



49.2830, 1.3395, 83.9438



6.0660, -0.0325, 10.4661

Previews

White Background



This preview shows how the YUV color 118.7610, -1.3612, -76.9664 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 118.7610, -1.3612, -76.9664 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 118.7610, -1.3612, -76.9664 Background



This preview shows how black text looks on a background with the YUV color 118.7610, -1.3612, -76.9664.



This preview shows how white text looks on a background with the YUV color 118.7610, -1.3612, -76.9664.

-76.9664.

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

118.7610, -1.3612, -76.9664

Protanopia

142.1850, -17.3462, 10.3618

Deuteranopia

144.2490, -10.9688, 18.1986



Tritanopia

129.7780, 19.8294, -60.3183

Trichromacy



Original Color

118.7610, -1.3612, -76.9664



Protanomaly

133.7680, -11.7176, -21.7215



Deuteranomaly

134.6530, -7.2239, -16.3587



Tritanomaly

125.9700, 11.8468, -66.6257

Monochromacy



Original Color

118.7610, -1.3612, -76.9664



Achromatopsia

119.0000, 0.0000, 0.0000



Achromatomaly

118.7100, -0.3500, -27.8097

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.7610, -1.3612, -76.9664 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, 164, 116)` looks like.

```
.text, #text, p{  
    color:rgb(31, 164, 116)  
}
```

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, 164, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 164, 116) }
```

Border

The CSS property to change the border of an element to YUV 118.7610, -1.3612, -76.9664 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, 164, 116) }
```


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

```
.border{ border-color:rgb(31, 164, 116) }
```

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

Here you see how a box with a 4 pixel rgb(31, 164, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 164, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 164, 116);  
box-shadow:4px 4px 4px 4px rgb(31, 164,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 118.7610, -1.3612, -76.9664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 164, 116) }
```

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

```
.background{ background-color: rgb(31, 164,  
116) }
```

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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