

Converting Colors

YUV(122.9460, -1.9454,
-76.2516)

Have a look what the booklet for
YUV(122.9460, -1.9454, -76.2516)
contains.

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Color

**YUV(122.9460, -1.9454,
-76.2516)**

Conversions

Conversions Part 1

Format	Color
Hex	24A877
RGB	36, 168, 119
RGB Percent	14%, 66%, 47%
CMY	0.8588, 0.3412, 0.5333
CMYK	0.79, 0.00, 0.29, 0.34
HSL	158°, 65%, 40%
HSV	158°, 79%, 66%
XYZ	18.0600, 29.7122, 22.2359
YIQ	122.9460, -62.9430, -43.2230

Conversions

Conversions Part 2

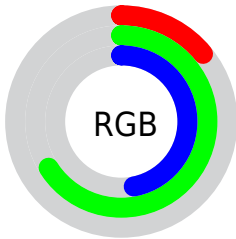
Format	Color
R_{YB}	36, 117, 168
Decimal	2402423
CIE _{Lab}	61.41, -46.19, 15.68
CIE _{LCh}	61, 48.781, 161.251
Yxy	29.7122, 0.2580, 0.4244
Android (android.graphics.Color)	4280592503 (0xFF24A877)
YUV	122.9460, -1.9454, -76.2516
Hunter-Lab	54.5089, -36.2498, 13.9700

Details

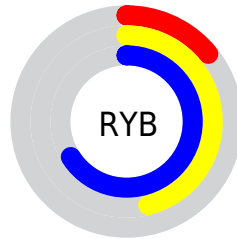
The YUV color **122.9460, -1.9454, -76.2516** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **81.0540, 1.9454, 76.2516**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.7790, -5.3140, -69.0892**, and **75.4850, -2.7041, -66.2003** is the 20% darker color. If you saturate the color by 10%, you get **117.1790, -2.0602, -86.1030**, and if you desaturate by 10%, it is **128.7130, -1.8305, -66.4003**.

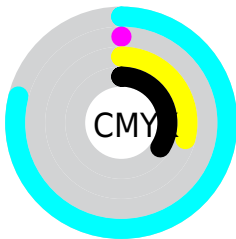
Distribution



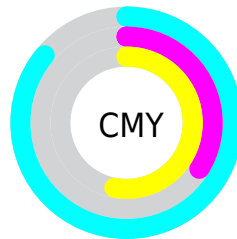
- Red (14%)
- Green (66%)
- Blue (47%)



- Red (14%)
- Yellow (46%)
- Blue (66%)



- Cyan (79%)
- Magenta (0%)
- Yellow (29%)
- Black (34%)



- Cyan (86%)
- Magenta (34%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.9460, -1.9454, -76.2516 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 122.9460, -1.9454, -76.2516 by changing the saturation by 10% instead.

■ 122.9460, -1.9454,
-76.2516

■ 122.9460, -1.9454,
-76.2516

■ 255.0000, 0.0000,
0.0000

■ 93.4830, 0.2549,
-81.9846

■ 181.7790, -5.3140,
-69.0892

■ 75.4850, -2.7041,
-66.2003

■ 210.9640, -5.8983,
-68.3744

■ 57.7150, -4.7895,
-50.6161

■ 224.0010, 1.4785,
-54.3749

■ 41.1190, -7.4537,
-36.0614

■ 235.8640, 9.4340,
-39.3457

■ 25.3550, -12.0070,
-22.2363

■ 244.8340, 5.0118,
-20.9024

■ 5.8700, -2.8939,
-5.1480

■ 253.8040, 0.5896,

■ 0.0000, 0.0000,

-2.4591

0.0000

■ 122.9460, -1.9454,
-76.2516

■ 122.9460, -1.9454,
-76.2516

■ 117.1790, -2.0602,
-86.1030

■ 128.7130, -1.8305,
-66.4003

■ 111.4120, -2.1751,
-95.9543

■ 134.4800, -1.7156,
-56.5490

■ 110.7000, -2.3171,
-97.0839

■ 140.0620, -1.0166,
-47.4124

■ 145.8290, -0.9017,
-37.5610

■ 151.5960, -0.7868,
-27.7097

■ 157.3630, -0.6720,
-17.8584

■ 163.2440, -0.1203,
-8.1070

■ 168.7120, 0.1420,
1.1296

■ 174.4790, 0.2569,
10.9809

Harmonies

Analogous

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



137.2180, -27.7155, -23.8702



122.9460, -1.9454, -76.2516



118.4860, 22.4384, -103.9122

Triad

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



122.9460, -1.9454, -76.2516



143.6480, 44.0505, -35.6483



147.1210, -26.6817, 64.7919

Complementary

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



122.9460, -1.9454, -76.2516



81.0540, 1.9454, 76.2516

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.



148.9040, -7.3477, 70.2442



122.9460, -1.9454, -76.2516



152.3190, 29.9157, 18.1372

Square

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



122.9460, -1.9454, -76.2516



120.0260, 53.7242, -105.2628



151.3700, 12.6356, 54.0495



145.5470, -39.7097, 43.3703

Rectangle

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



122.9460, -1.9454, -76.2516



121.0910, 34.9581, -106.1968



151.3700, 12.6356, 54.0495



147.7500, -20.5828, 68.6252

Sweetspot

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



122.9460, -1.9454, -76.2516



201.2860, -0.6340, -30.0688



128.7330, -45.7174, -36.5998



99.0640, -0.5246, -18.4731



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



122.9460, -1.9454, -76.2516



148.7420, -2.8308, -119.0457



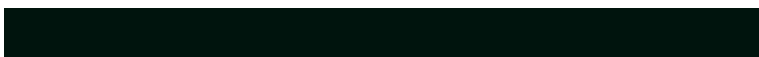
119.7270, 23.7986, -73.4286



81.2660, -0.1311, -4.6183



97.4780, -2.2077, -85.4882



13.2220, -0.1094, -11.5957

Inverse Universe

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



81.0540, 1.9454, 76.2516



83.3720, 3.2676, 118.9458



84.2730, -23.7986, 73.4286



78.7340, 0.1311, 4.6183



50.5220, 2.2077, 85.4882



6.8920, 0.5462, 11.4957

Previews

White Background



This preview shows how the YUV color 122.9460, -1.9454, -76.2516 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 122.9460, -1.9454, -76.2516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

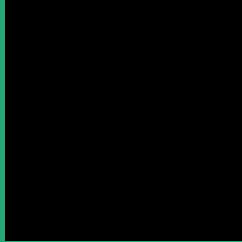
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.9460, -1.9454, -76.2516

Background



This preview shows how black text looks on a background with the YUV color 122.9460, -1.9454, -76.2516.



This preview shows how white text looks on a background with the YUV color 122.9460, -1.9454,

-76.2516.

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

122.9460, -1.9454, -76.2516

Protanopia

145.9570, -18.2198, 10.5617

Deuteranopia

148.1350, -11.4056, 18.2986



Tritanopia

133.7780, 19.8294, -60.3183

Trichromacy



Original Color

122.9460, -1.9454, -76.2516



Protanomaly

137.9530, -12.3018, -21.0068



Deuteranomaly

138.8380, -7.8081, -15.6439



Tritanomaly

129.9700, 11.8468, -66.6257

Monochromacy



Original Color

122.9460, -1.9454, -76.2516



Achromatopsia

123.0000, 0.0000, 0.0000



Achromatomaly

122.7100, -0.3500, -27.8097

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.9460, -1.9454, -76.2516 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(36, 168, 119)` looks like.

```
.text, #text, p{  
    color:rgb(36, 168, 119)  
}
```

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(36, 168, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 168, 119) }
```

Border

The CSS property to change the border of an element to YUV 122.9460, -1.9454, -76.2516 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(36, 168, 119) }
```


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

```
.border{ border-color:rgb(36, 168, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 168, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 168, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 168, 119);  
box-shadow:4px 4px 4px 4px rgb(36, 168,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 122.9460, -1.9454, -76.2516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 168, 119) }
```

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

```
.background{ background-color: rgb(36, 168,  
119) }
```

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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