

Converting Colors

YUV(97.7740, -48.2026,
-79.6088)

Have a look what the booklet for
YUV(97.7740, -48.2026, -79.6088)
contains.

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Color

**YUV(97.7740, -48.2026,
-79.6088)**

Conversions

Conversions Part 1

Format	Color
Hex	07A300
RGB	7, 163, 0
RGB Percent	3%, 64%, 0%
CMY	0.9725, 0.3608, 1.0000
CMYK	0.96, 0.00, 1.00, 0.36
HSL	117°, 100%, 32%
HSV	117°, 100%, 64%
XYZ	13.1848, 26.2396, 4.3698
YIQ	97.7740, -40.6530, -83.7650

Conversions

Conversions Part 2

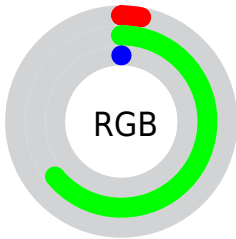
Format	Color
RYB	0, 163, 156
Decimal	500480
CIELab	58.26, -61.27, 59.57
CIElCh	58, 85.454, 135.809
Yxy	26.2396, 0.3011, 0.5992
Android (android.graphics.Color)	4278690560 (0xFF07A300)
YUV	97.7740, -48.2026, -79.6088
Hunter-Lab	51.2246, -43.6984, 30.7993

Details

The YUV color **97.7740, -48.2026, -79.6088** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **65.2260, 48.2026, 79.6088**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1660, -45.9308, -61.5356**, and **63.9830, -31.5436, -56.1131** is the 20% darker color. If you saturate the color by 10%, you get **97.7740, -48.2026, -79.6088**, and if you desaturate by 10%, it is **104.3820, -43.5723, -71.3720**.

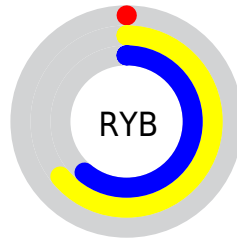
Distribution



Red (3%)

Green (64%)

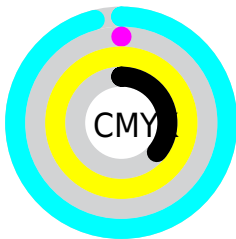
Blue (0%)



Red (0%)

Yellow (64%)

Blue (61%)

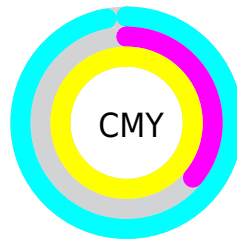


Cyan (96%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (97%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.7740, -48.2026, -79.6088 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 97.7740, -48.2026, -79.6088 by changing the saturation by 10% instead.

■ 97.7740, -48.2026,
-79.6088

■ 97.7740, -48.2026,
-79.6088

255.0000, 0.0000,
0.0000

■ 79.8320, -39.3572,
-70.0127

■ 165.1660,
-45.9308, -61.5356

■ 63.9830, -31.5436,
-56.1131

■ 194.3510,
-46.5150, -60.8208

■ 49.3080, -24.3088,
-43.2431

■ 210.8070,
-41.3169, -48.0657

■ 34.6330, -17.0741,
-30.3731

■ 222.9690,
-33.5087, -32.4218


■ 20.5450, -10.1287,
-18.0180


■ 235.1310,
-25.7006, -16.7779


■ 0.0000, 0.0000,
0.0000


■ 247.4070,


-17.4557, -1.2339

 253.4040, -6.1152,
1.3997

 97.7740, -48.2026,
-79.6088

 104.3820,
-43.5723, -71.3720

 110.8050,
-38.3579, -63.8500

 117.4130,
-33.7276, -55.6132

 123.7220,
-28.9499, -47.9912

 130.4440,
-23.8829, -39.8544

■ 137.0520,
-19.2526, -31.6176

■ 143.3610,
-14.4750, -23.9956

■ 149.9690, -9.8447,
-15.7588

■ 156.3920, -4.6303,
-8.2368

Harmonies

Analogous

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



127.2300, -62.7244, 5.0603



97.7740, -48.2026, -79.6088



111.3040, -5.0799, -97.6136

Triad

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



97.7740, -48.2026, -79.6088



122.4030, 65.3703, -107.3474



109.8200, -2.8693, 127.3229

Complementary

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



97.7740, -48.2026, -79.6088



65.2260, 48.2026, 79.6088

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.



123.6420, 27.2915, 113.4470



97.7740, -48.2026, -79.6088



108.9020, 72.0263, -95.5071

Square

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



97.7740, -48.2026, -79.6088



127.9480, 58.6926, -112.2104



142.3800, 51.0847, 41.7627



126.7550, -48.1932, 104.5779

Rectangle

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



97.7740, -48.2026, -79.6088



118.4060, 17.0548, -103.8421



142.3800, 51.0847, 41.7627



107.9740, 10.3658, 128.9418

Sweetspot

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



97.7740, -48.2026, -79.6088



186.4650, -18.9632, -31.1028



139.7220, -68.8829, 20.4148



91.6050, -11.1443, -18.9476



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.



97.7740, -48.2026, -79.6088



127.1350, -62.6776, -103.6044



104.0030, -15.2845, -91.2106



78.5820, -2.7519, -4.0184



86.9090, -42.8461, -70.9572



10.8650, -5.3564, -8.6516

Inverse Universe

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



65.2260, 48.2026, 79.6088



84.8650, 62.6776, 103.6044



58.9970, 15.2845, 91.2106



76.4180, 2.7519, 4.0184



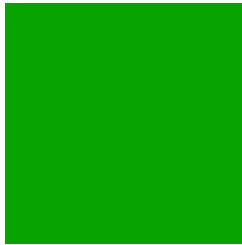
58.0910, 42.8461, 70.9572



7.1350, 5.3564, 8.6516

Previews

White Background



This preview shows how the YUV color 97.7740, -48.2026, -79.6088 looks on a white background.

Color Contrast Check

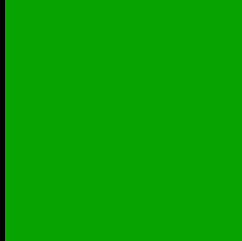
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.7740, -48.2026, -79.6088 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 97.7740, -48.2026, -79.6088

Background



This preview shows how black text looks on a background with the YUV color 97.7740, -48.2026, -79.6088.



This preview shows how white text looks on a background with the YUV color 97.7740, -48.2026, -79.6088.

-79.6088.

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



Protanopia

129.1230, -63.6576, 24.4481

Deuteranopia

133.7990, -48.7079, 36.1333

Tritanopia

128.5510, 17.4764, -52.2262

Trichromacy



Protanomaly

117.3740, -57.8654, -13.4830

Deuteranomaly

120.5350, -48.5778, -5.7312

Tritanomaly

117.1820, -6.4987, -62.4266

Monochromacy



Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.1170, -17.8057, -29.0436

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.7740, -48.2026, -79.6088 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(7, 163, 0)` looks like.

```
.text, #text, p{  
    color:rgb(7, 163, 0)  
}
```

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(7, 163, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 163, 0) }
```

Border

The CSS property to change the border of an element to YUV 97.7740, -48.2026, -79.6088 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(7, 163, 0) }
```

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

```
.border{ border-color:rgb(7, 163, 0) }
```

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

Here you see how a box with a 4 pixel rgb(7, 163, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 163, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 163, 0); box-shadow:4px  
4px 4px 4px rgb(7, 163, 0) }
```


Background

The CSS property to change the background color of an element to YUV 97.7740, -48.2026, -79.6088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 163, 0) }
```

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

```
.background{ background-color: rgb(7, 163,  
0) }
```

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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