

Converting Colors

YUV(98.4530, -7.6183, -76.6963)

Have a look what the booklet for
YUV(98.4530, -7.6183, -76.6963)
contains.

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Color

**YUV(98.4530, -7.6183,
-76.6963)**

Conversions

Conversions Part 1

Format	Color
Hex	0B9253
RGB	11, 146, 83
RGB Percent	4%, 57%, 33%
CMY	0.9569, 0.4275, 0.6745
CMYK	0.92, 0.00, 0.43, 0.43
HSL	152°, 86%, 31%
HSV	152°, 92%, 57%
XYZ	11.9782, 21.2534, 11.6546
YIQ	98.4530, -60.2370, -48.2130

Conversions

Conversions Part 2

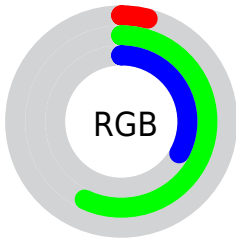
Format	Color
R_{YB}	11, 99, 146
Decimal	758355
CIE _{Lab}	53.23, -47.71, 24.39
CIE _{LCh}	53, 53.581, 152.917
Yxy	21.2534, 0.2669, 0.4735
Android (android.graphics.Color)	4278948435 (0xFF0B9253)
YUV	98.4530, -7.6183, -76.6963
Hunter-Lab	46.1015, -34.2991, 17.2823

Details

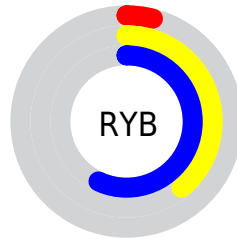
The YUV color **98.4530, -7.6183, -76.6963** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **58.5470, 7.6183, 76.6963**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.1620, -12.8979, -63.2861**, and **59.3960, -11.0412, -52.0903** is the 20% darker color. If you saturate the color by 10%, you get **94.5940, -8.1808, -82.9589**, and if you desaturate by 10%, it is **103.7360, -6.7718, -68.1745**.

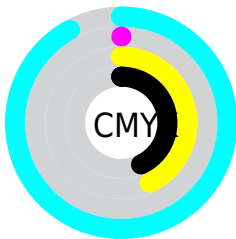
Distribution



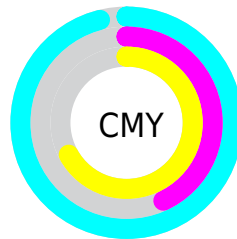
- Red (4%)
- Green (57%)
- Blue (33%)



- Red (4%)
- Yellow (39%)
- Blue (57%)



- Cyan (92%)
- Magenta (0%)
- Yellow (43%)
- Black (43%)



- Cyan (96%)
- Magenta (43%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.4530, -7.6183, -76.6963 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 98.4530, -7.6183, -76.6963 by changing the saturation by 10% instead.

■ 98.4530, -7.6183,
-76.6963

■ 98.4530, -7.6183,
-76.6963

255.0000, 0.0000,
0.0000

■ 77.1660, -8.9558,
-67.6746

■ 159.1620,
-12.8979, -63.2861

■ 59.3960, -11.0412,
-52.0903

■ 187.9340,
-13.7715, -63.0861

■ 42.0990, -13.8528,
-36.9208

■ 214.3580,
-13.4875, -60.8270

■ 27.0020, -13.3120,
-23.6808

■ 226.2210, -5.5320,
-45.7978

■ 11.1530, -5.4984,
-9.7812

■ 238.0840, 2.4236,
-30.7687

■ 0.0000, 0.0000,
0.0000

■ 248.4220, 3.2430,

-13.5251

■ 98.4530, -7.6183,
-76.6963

■ 98.4530, -7.6183,
-76.6963

■ 94.5940, -8.1808,
-82.9589

■ 103.7360, -6.7718,
-68.1745

■ 108.7200, -5.7780,
-60.2674

■ 113.8890, -5.3683,
-51.6457

■ 118.8730, -4.3744,
-43.7386

■ 124.1560, -3.5279,
-35.2168

■ 129.4390, -2.6814,
-26.6950

■ 134.4230, -1.6875,
-18.7880

■ 139.7060, -0.8411,
-10.2662

■ 144.5760, -0.2840,
-2.2592

Harmonies

Analogous

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



116.3950, -36.1837, -14.3784



98.4530, -7.6183, -76.6963



102.2830, 13.6645, -89.7022

Triad

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



98.4530, -7.6183, -76.6963



101.8630, 57.7485, -89.3339



124.4300, -21.9040, 72.4139

Complementary

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



98.4530, -7.6183, -76.6963



58.5470, 7.6183, 76.6963

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.



125.4620, -0.2278, 73.2628



98.4530, -7.6183, -76.6963



129.7670, 37.0899, 3.7123

Square

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



98.4530, -7.6183, -76.6963



107.7670, 49.9079, -94.5117



129.5850, 19.9246, 49.4760



123.9010, -39.8842, 52.7068

Rectangle

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



98.4530, -7.6183, -76.6963



105.9310, 27.6420, -92.9015



129.5850, 19.9246, 49.4760



124.5750, -15.0735, 74.9177

Sweetspot

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



98.4530, -7.6183, -76.6963



170.3030, -3.1074, -30.0837



109.0820, -48.3544, -30.7669



82.7220, -1.8349, -18.1732



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



98.4530, -7.6183, -76.6963



122.4570, -10.5783, -107.3948



103.2870, 21.0575, -80.9357



71.4510, -0.7153, -3.9035



89.3280, -8.0497, -78.3407



6.4400, -0.7099, -5.6479

Inverse Universe

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



58.5470, 7.6183, 76.6963



66.5430, 10.5783, 107.3948



53.7130, -21.0575, 80.9357



69.4350, 0.2785, 4.0035



48.5580, 7.6129, 78.4406



3.5600, 0.7099, 5.6479

Previews

White Background



This preview shows how the YUV color 98.4530, -7.6183, -76.6963 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 98.4530, -7.6183, -76.6963 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 98.4530, -7.6183, -76.6963

Background



This preview shows how black text looks on a background with the YUV color 98.4530, -7.6183, -76.6963.



This preview shows how white text looks on a background with the YUV color 98.4530, -7.6183,

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

98.4530, -7.6183, -76.6963

Protanopia

123.7740, -24.0456, 12.4762

Deuteranopia

126.0230, -18.2523, 21.0278



Tritanopia

114.5510, 17.4764, -52.2262

Trichromacy



Original Color

98.4530, -7.6183, -76.6963



Protanomaly

114.4710, -17.9802, -19.7071



Deuteranomaly

115.8290, -14.2127, -14.7590



Tritanomaly

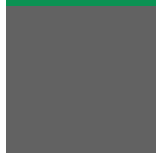
108.7920, 8.4835, -61.2076

Monochromacy



Original Color

98.4530, -7.6183, -76.6963



Achromatopsia

98.0000, 0.0000, 0.0000



Achromatomaly

97.8410, -2.3866, -27.9246

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.4530, -7.6183, -76.6963 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(11, 146, 83)` looks like.

```
.text, #text, p{  
    color:rgb(11, 146, 83)  
}
```

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(11, 146, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 146, 83) }
```

Border

The CSS property to change the border of an element to YUV 98.4530, -7.6183, -76.6963 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(11, 146, 83) }
```


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

```
.border{ border-color:rgb(11, 146, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 146, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 146, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 146, 83);  
box-shadow:4px 4px 4px 4px rgb(11, 146,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 98.4530, -7.6183, -76.6963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 146, 83) }
```

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

```
.background{ background-color: rgb(11, 146,  
83) }
```

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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