

Converting Colors

YUV(78.9530, 1.0092, -43.8088)

Have a look what the booklet for
YUV(78.9530, 1.0092, -43.8088)
contains.

YUV(78.9530, 1.0092, -43.8088)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(78.9530, 1.0092,
-43.8088)**

Conversions

Conversions Part 1

Format	Color
Hex	1D6851
RGB	29, 104, 81
RGB Percent	11%, 41%, 32%
CMY	0.8863, 0.5922, 0.6824
CMYK	0.72, 0.00, 0.22, 0.59
HSL	162°, 56%, 26%
HSV	162°, 72%, 41%
XYZ	6.9422, 10.7559, 9.4948
YIQ	78.9530, -37.3170, -23.0530

Conversions

Conversions Part 2

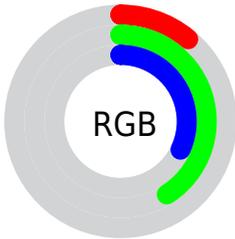
Format	Color
R_{YB}	29, 73, 104
Decimal	1927249
CIE _{Lab}	39.17, -28.78, 6.42
CIE _{LCh}	39, 29.489, 167.416
Yxy	10.7559, 0.2553, 0.3955
Android (android.graphics.Color)	4280117329 (0xFF1D6851)
YUV	78.9530, 1.0092, -43.8088
Hunter-Lab	32.7962, -19.6090, 5.7924

Details

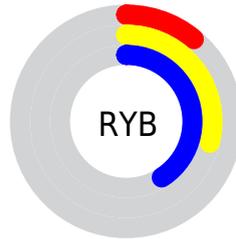
The YUV color **78.9530, 1.0092, -43.8088** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **54.0470, -1.0092, 43.8088**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.5080, -0.7434, -41.6645**, and **36.9760, -0.4812, -32.4280** is the 20% darker color. If you saturate the color by 10%, you get **75.6210, 1.1728, -49.6566**, and if you desaturate by 10%, it is **82.2850, 0.8455, -37.9609**.

Distribution



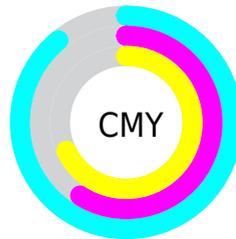
- Red (11%)
- Green (41%)
- Blue (32%)



- Red (11%)
- Yellow (29%)
- Blue (41%)



- Cyan (72%)
- Magenta (0%)
- Yellow (22%)
- Black (59%)



- Cyan (89%)
- Magenta (59%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.9530, 1.0092, -43.8088 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 78.9530, 1.0092, -43.8088 by changing the saturation by 10% instead.

■ 78.9530, 1.0092,
-43.8088

■ 78.9530, 1.0092,
-43.8088

■ 255.0000, 0.0000,
0.0000

■ 52.9850, 2.4724,
-46.4678

■ 131.5080, -0.7434,
-41.6645

■ 36.9760, -0.4812,
-32.4280

■ 158.3940, -1.1802,
-41.5645

■ 22.3690, -3.1399,
-19.6176

■ 185.9810, -1.4696,
-42.0793

■ 0.0000, 0.0000,
0.0000

■ 213.6820, -1.3222,
-42.6941

■ 234.6380, 2.1505,
-36.5165

■ 245.1330, 4.8644,

-20.2876

253.8040, 0.5896,
-2.4591

78.9530, 1.0092,
-43.8088

78.9530, 1.0092,
-43.8088

75.6210, 1.1728,
-49.6566

82.2850, 0.8455,
-37.9609

71.9900, 1.4839,
-56.1192

85.9160, 0.5344,
-31.4983

69.2560, 1.3528,
-60.7375

89.3620, 0.8075,
-25.7505

92.9930, 0.4965,
-19.2879

96.3250, 0.3328,
-13.4400

■ 99.6570, 0.1691,
-7.5922

■ 103.2880, -0.1420,
-1.1296

■ 106.7340, 0.1311,
4.6183

■ 110.3650, -0.1799,
11.0809

Harmonies

Analogous

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



85.7470, -13.1863, -17.3181



78.9530, 1.0092, -43.8088



73.7190, 15.9145, -64.6516

Triad

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



78.9530, 1.0092, -43.8088



91.8840, 22.7352, -12.1763



92.4530, -16.9853, 34.6827

Complementary

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



78.9530, 1.0092, -43.8088



54.0470, -1.0092, 43.8088

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.



93.1190, -6.9607, 39.3606



78.9530, 1.0092, -43.8088



95.2850, 14.6495, 14.6591

Square

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



78.9530, 1.0092, -43.8088



81.4450, 28.3746, -47.7483



94.6480, 4.1175, 32.7577



90.8830, -22.6203, 22.0276

Rectangle

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



78.9530, 1.0092, -43.8088



74.8420, 22.7559, -65.6364



94.6480, 4.1175, 32.7577



92.2730, -13.9386, 37.4716

Sweetspot

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



78.9530, 1.0092, -43.8088



125.0040, 0.4910, -17.5435



80.2010, -25.2421, -23.8553



62.9340, 0.0325, -10.4661



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



78.9530, 1.0092, -43.8088



95.9130, 1.5219, -68.3297



73.3570, 15.1070, -38.9011



49.2770, -0.1366, -2.8739



76.6250, 1.6639, -67.2001



161.2060, 3.3494, -141.3777

Inverse Universe

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



54.0470, -1.0092, 43.8088



57.0870, -1.5219, 68.3297



59.6430, -15.1070, 38.9011



47.6090, -0.3002, 2.9739



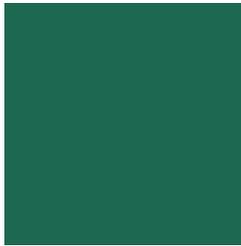
38.3750, -1.6639, 67.2001



80.7940, -3.3494, 141.3777

Previews

White Background



This preview shows how the YUV color 78.9530, 1.0092, -43.8088 looks on a white background.

Color Contrast Check

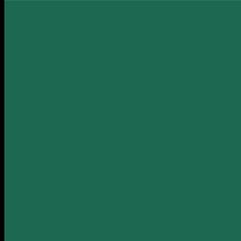
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 78.9530, 1.0092, -43.8088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

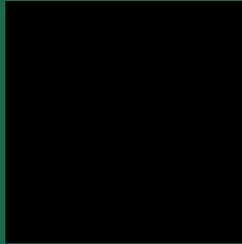
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.9530, 1.0092, -43.8088

Background



This preview shows how black text looks on a background with the YUV color 78.9530, 1.0092, -43.8088.



This preview shows how white text looks on a background with the YUV color 78.9530, 1.0092, -43.8088.

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

78.9530, 1.0092, -43.8088

Protanopia

91.5570, -8.1626, 4.7735

Deuteranopia

92.6160, -4.2477, 9.1068



Tritanopia

83.5700, 12.0440, -36.4569

Trichromacy



Original Color

78.9530, 1.0092, -43.8088

Protanomaly

86.6580, -4.7614, -12.8551

Deuteranomaly

87.3640, -2.1515, -9.9662

Tritanomaly

81.5220, 8.1237, -39.0458

Monochromacy



Original Color

78.9530, 1.0092, -43.8088

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.0150, 0.4856, -15.7992

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.9530, 1.0092, -43.8088 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(29, 104, 81)` looks like.

```
.text, #text, p{  
    color:rgb(29, 104, 81)  
}
```

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(29, 104, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 104, 81) }
```

Border

The CSS property to change the border of an element to YUV 78.9530, 1.0092, -43.8088 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(29, 104, 81) }
```

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

```
.border{ border-color:rgb(29, 104, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 104, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 104, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 104, 81);  
box-shadow:4px 4px 4px 4px rgb(29, 104,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 78.9530, 1.0092, -43.8088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 104, 81) }
```

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

```
.background{ background-color: rgb(29, 104,  
81) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor