

Converting Colors

YUV(83.4930, 8.6310, -61.8224)

Have a look what the booklet for
YUV(83.4930, 8.6310, -61.8224)
contains.

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Color

**YUV(83.4930, 8.6310,
-61.8224)**

Conversions

Conversions Part 1

Format	Color
Hex	0D7465
RGB	13, 116, 101
RGB Percent	5%, 45%, 40%
CMY	0.9490, 0.5451, 0.6039
CMYK	0.89, 0.00, 0.13, 0.55
HSL	171°, 80%, 25%
HSV	171°, 89%, 45%
XYZ	8.7603, 13.5159, 14.4590
YIQ	83.4930, -56.5730, -26.5010

Conversions

Conversions Part 2

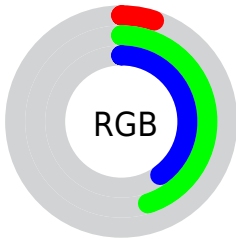
Format	Color
R_{YB}	13, 69, 116
Decimal	881765
CIE _{Lab}	43.53, -30.74, 0.60
CIE _{LCh}	44, 30.748, 178.878
Yxy	13.5159, 0.2385, 0.3679
Android (android.graphics.Color)	4279071845 (0xFF0D7465)
YUV	83.4930, 8.6310, -61.8224
Hunter-Lab	36.7640, -21.8031, 2.4165

Details

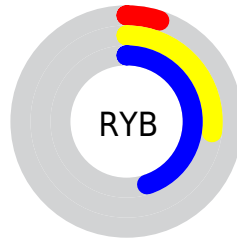
The YUV color **83.4930, 8.6310, -61.8224** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **45.5070, -8.6310, 61.8224**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.4510, 5.6937, -53.0155**, and **45.4850, 4.1979, -39.8903** is the 20% darker color. If you saturate the color by 10%, you get **79.6770, 9.5262, -68.9997**, and if you desaturate by 10%, it is **87.3090, 7.7357, -54.6450**.

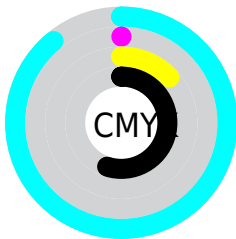
Distribution



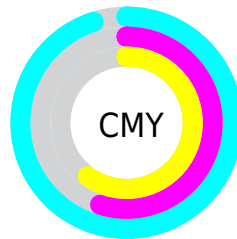
- Red (5%)
- Green (45%)
- Blue (40%)



- Red (5%)
- Yellow (27%)
- Blue (45%)



- Cyan (89%)
- Magenta (0%)
- Yellow (13%)
- Black (55%)



- Cyan (95%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.4930, 8.6310, -61.8224 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 83.4930, 8.6310, -61.8224 by changing the saturation by 10% instead.

83.4930, 8.6310,
-61.8224

83.4930, 8.6310,
-61.8224

255.0000, 0.0000,
0.0000

62.1950, 7.2989,
-54.5450

140.4510, 5.6937,
-53.0155

45.4850, 4.1979,
-39.8903

167.7500, 5.5462,
-52.4008

29.5900, 1.6811,
-25.9504

195.6360, 5.1095,
-52.3008

13.5810, -1.2724,
-11.9105

224.2230, 4.8201,
-52.8156

0.0000, 0.0000,
0.0000

236.4620, 9.1392,
-38.1162

245.1330, 4.8644,

-20.2876

253.8040, 0.5896,
-2.4591

■ 83.4930, 8.6310,
-61.8224

■ 83.4930, 8.6310,
-61.8224

■ 79.6770, 9.5262,
-68.9997

■ 87.3090, 7.7357,
-54.6450

■ 79.3780, 9.6736,
-69.6145

■ 90.7120, 6.5510,
-47.9824

■ 94.5280, 5.6557,
-40.8051

■ 98.0450, 4.9078,
-34.2425

■ 101.7470, 3.5757,
-26.9651

■ 105.5630, 2.6804,
-19.7878

■ 109.0800, 1.9326,
-13.2252

■ 112.8960, 1.0373,
-6.0478

■ 116.2990, -0.1474,
0.6148

Harmonies

Analogous

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



94.1200, -8.9332, -28.1692



83.4930, 8.6310, -61.8224



82.5700, 21.9040, -72.4139

Triad

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



83.4930, 8.6310, -61.8224



104.7930, 20.8081, -0.6955



102.7040, -21.0531, 32.7086

Complementary

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



83.4930, 8.6310, -61.8224



45.5070, -8.6310, 61.8224

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.



103.5770, -11.6235, 41.5900



83.4930, 8.6310, -61.8224



105.9550, 11.8542, 24.5955

Square

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



83.4930, 8.6310, -61.8224



97.7180, 27.7470, -33.0787



104.6550, 0.1701, 38.8906



100.9810, -24.6406, 16.6797

Rectangle

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



83.4930, 8.6310, -61.8224



82.9920, 28.5979, -72.7840



104.6550, 0.1701, 38.8906



102.7090, -18.5905, 36.2122

Sweetspot

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



83.4930, 8.6310, -61.8224



137.4700, 3.7123, -24.0912



77.9460, -32.0184, -43.8026



69.0690, 1.9380, -14.9695



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



83.4930, 8.6310, -61.8224



102.7560, 12.9383, -90.1170



64.0710, 25.6010, -44.7893



57.0920, 0.4476, -3.5887



83.5840, 10.5581, -73.3032



171.1460, 21.1270, -150.0950

Inverse Universe

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



45.5070, -8.6310, 61.8224



47.3580, -12.5015, 90.0170



64.9290, -25.6010, 44.7893



54.9080, -0.4476, 3.5887



38.5300, -10.1213, 73.2032



78.8540, -21.1270, 150.0950

Previews

White Background



This preview shows how the YUV color 83.4930, 8.6310, -61.8224 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 83.4930, 8.6310, -61.8224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

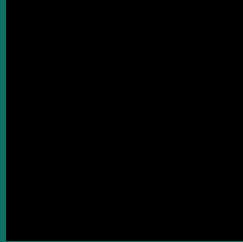
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.4930, 8.6310, -61.8224

Background



This preview shows how black text looks on a background with the YUV color 83.4930, 8.6310, -61.8224.



This preview shows how white text looks on a background with the YUV color 83.4930, 8.6310,

-61.8224.

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

83.4930, 8.6310, -61.8224

Protanopia

102.1700, -4.5208, 3.3589

Deuteranopia

103.2720, 0.8519, 6.7775



Tritanopia

90.1060, 15.7237, -50.0820

Trichromacy



Original Color

83.4930, 8.6310, -61.8224

Protanomaly

95.2810, 0.3545, -20.4174

Deuteranomaly

95.9160, 3.9854, -18.3433

Tritanomaly

87.6880, 12.9718, -54.1004

Monochromacy



Original Color

83.4930, 8.6310, -61.8224

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.3670, 3.2701, -22.2469

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.4930, 8.6310, -61.8224 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(13, 116, 101)` looks like.

```
.text, #text, p{  
    color:rgb(13, 116, 101)  
}
```

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(13, 116, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 116, 101) }
```

Border

The CSS property to change the border of an element to YUV 83.4930, 8.6310, -61.8224 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(13, 116, 101) }
```


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

```
.border{ border-color:rgb(13, 116, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 116, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 116, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 116, 101);  
box-shadow:4px 4px 4px 4px rgb(13, 116,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 83.4930, 8.6310, -61.8224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 116, 101) }
```

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

```
.background{ background-color: rgb(13, 116,  
101) }
```

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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