

Converting Colors

YUV(93.8500, -9.2930, -6.0074)

Have a look what the booklet for
YUV(93.8500, -9.2930, -6.0074)
contains.

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Color

**YUV(93.8500, -9.2930,
-6.0074)**

Conversions

Conversions Part 1

Format	Color
Hex	57654B
RGB	87, 101, 75
RGB Percent	34%, 40%, 29%
CMY	0.6588, 0.6039, 0.7059
CMYK	0.14, 0.00, 0.26, 0.60
HSL	92°, 15%, 35%
HSV	92°, 26%, 40%
XYZ	9.8542, 11.8416, 8.4229
YIQ	93.8500, 0.0020, -11.0540

Conversions

Conversions Part 2

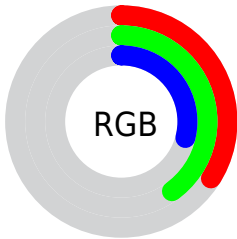
Format	Color
R_{YB}	75, 101, 89
Decimal	5727563
CIE _{Lab}	40.96, -10.64, 12.99
CIE _{LCh}	41, 16.796, 129.315
Yxy	11.8416, 0.3272, 0.3932
Android (android.graphics.Color)	4283917643 (0xFF57654B)
YUV	93.8500, -9.2930, -6.0074
Hunter-Lab	34.4116, -9.1048, 9.5758

Details

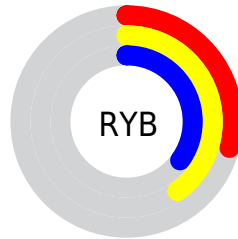
The YUV color **93.8500, -9.2930, -6.0074** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **82.1500, 9.2931, 6.0075**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.3230, -10.0192, -6.4223**, and **47.4910, -8.1301, -5.6926** is the 20% darker color. If you saturate the color by 10%, you get **91.2150, -12.9240, -8.0816**, and if you desaturate by 10%, it is **96.4850, -5.6621, -3.9333**.

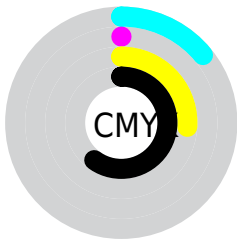
Distribution



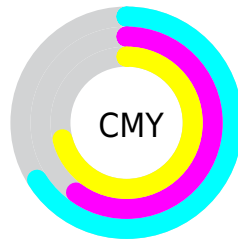
- Red (34%)
- Green (40%)
- Blue (29%)



- Red (29%)
- Yellow (40%)
- Blue (35%)



- Cyan (14%)
- Magenta (0%)
- Yellow (26%)
- Black (60%)



- Cyan (66%)
- Magenta (60%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.8500, -9.2930, -6.0074 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 93.8500, -9.2930, -6.0074 by changing the saturation by 10% instead.

■ 93.8500, -9.2930,
-6.0074

■ 93.8500, -9.2930,
-6.0074

■ 255.0000, 0.0000,
0.0000

■ 70.2630, -9.0037,
-5.4927

■ 144.3230,
-10.0192, -6.4223

■ 47.4910, -8.1301,
-5.6926

■ 170.9100,
-10.3086, -6.9371

■ 26.5620, -9.1511,
-4.8779

■ 198.0950,
-10.8928, -6.2223

■ 4.1090, -2.0257,
-3.6036

■ 225.7960,
-10.7454, -6.8371

■ 0.0000, 0.0000,
0.0000

■ 249.9860, -8.8671,
-2.6187

■ 93.8500, -9.2930,
-6.0074

■ 93.8500, -9.2930,
-6.0074

■ 91.2150, -12.9240,
-8.0816

■ 96.4850, -5.6621,
-3.9333

■ 88.2810, -16.4075,
-10.7704

■ 99.4190, -2.1786,
-1.2445

■ 85.6460, -20.0385,
-12.8445

■ 102.0540, 1.4524,
0.8296

■ 82.7120, -23.5220,
-15.5334

■ 104.9880, 4.9359,
3.5185

■ 80.0770, -27.1530,
-17.6075

■ 107.7370, 9.0037,
5.4927

■ 77.0290, -31.0733,
-20.1964

■ 110.6710, 12.4872,
8.1815

■ 74.3940, -34.7042,
-22.2705

■ 113.3060, 16.1181,
10.2556

■ 73.3400, -36.1566,

■ 116.2400, 19.6017,

-23.1002

12.9445

■ 118.8750, 23.2326,
15.0186

Harmonies

Analogous

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



95.3030, -12.9674, 5.8733



93.8500, -9.2930, -6.0074



92.0810, -2.9979, -18.4880

Triad

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



93.8500, -9.2930, -6.0074



93.2280, 14.1846, -23.0020



98.7470, -2.8333, 22.1469

Complementary

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



93.8500, -9.2930, -6.0074



82.1500, 9.2931, 6.0075

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.



99.1360, 3.8770, 16.5437



93.8500, -9.2930, -6.0074



96.2020, 13.7044, -8.9472

Square

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



93.8500, -9.2930, -6.0074



90.5000, 11.5855, -29.3795



98.5520, 9.5879, 4.7779



97.5530, -8.6536, 22.3170

Rectangle

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



93.8500, -9.2930, -6.0074



90.8290, 2.5493, -24.4060



98.5520, 9.5879, 4.7779



98.9040, -0.9387, 21.1322

Sweetspot

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



93.8500, -9.2930, -6.0074



127.0660, -3.4835, -2.6889



90.9920, -7.8841, 8.7770



64.4190, -2.1786, -1.2445



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



93.8500, -9.2930, -6.0074



118.8620, -14.2290, -9.5260



90.3760, -7.0874, -13.4848



49.5330, -1.7418, -1.3444



83.3520, -41.0925, -26.6187



175.5420, -86.5422, -55.7263

Inverse Universe

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



82.1500, 9.2931, 6.0075



100.8390, 14.3764, 8.9112



85.6240, 7.0874, 13.4848



47.4670, 1.7418, 1.3444



31.6480, 41.0925, 26.6187



66.4580, 86.5422, 55.7263

Previews

White Background



This preview shows how the YUV color 93.8500, -9.2930, -6.0074 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 93.8500, -9.2930, -6.0074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

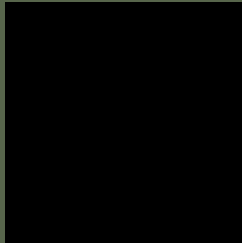
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.8500, -9.2930, -6.0074

Background



This preview shows how black text looks on a background with the YUV color 93.8500, -9.2930, -6.0074.



This preview shows how white text looks on a background with the YUV color 93.8500, -9.2930,

-6.0074.

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

93.8500, -9.2930, -6.0074

Protanopia

95.4710, -11.0782, 6.6029

Deuteranopia

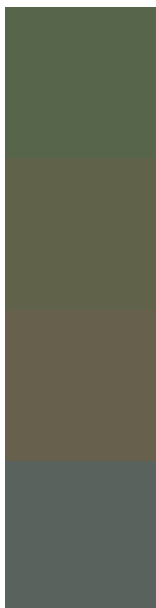
96.8570, -9.7895, 13.2804



Tritanopia

96.1180, 4.3788, -4.4885

Trichromacy



Original Color

93.8500, -9.2930, -6.0074

Protanomaly

94.9650, -10.3357, 1.7847

Deuteranomaly

95.8130, -9.7678, 6.3030

Tritanomaly

95.1520, -0.5679, -4.5183

Monochromacy



Original Color

93.8500, -9.2930, -6.0074

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0660, -3.4835, -2.6889

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.8500, -9.2930, -6.0074 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(87, 101, 75)` looks like.

```
.text, #text, p{  
    color:rgb(87, 101, 75)  
}
```

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(87, 101, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 101, 75) }
```

Border

The CSS property to change the border of an element to YUV 93.8500, -9.2930, -6.0074 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(87, 101, 75) }
```


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

```
.border{ border-color:rgb(87, 101, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 101, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 101, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 101, 75);  
box-shadow:4px 4px 4px 4px rgb(87, 101,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 93.8500, -9.2930, -6.0074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 101, 75) }
```

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

```
.background{ background-color: rgb(87, 101,  
75) }
```

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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