

Converting Colors

YUV(93.4830, 0.7479, -6.5626)

Have a look what the booklet for
YUV(93.4830, 0.7479, -6.5626)
contains.

YUV(93.4830, 0.7479, -6.5626)	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(93.4830, 0.7479,
-6.5626)**

Conversions

Conversions Part 1

Format	Color
Hex	56615F
RGB	86, 97, 95
RGB Percent	34%, 38%, 37%
CMY	0.6627, 0.6196, 0.6275
CMYK	0.11, 0.00, 0.02, 0.62
HSL	169°, 6%, 36%
HSV	169°, 11%, 38%
XYZ	10.1780, 11.3540, 12.4816
YIQ	93.4830, -5.9140, -2.9540

Conversions

Conversions Part 2

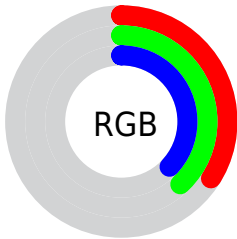
Format	Color
R_{YB}	86, 92, 97
Decimal	5661023
CIE Lab	40.17, -4.68, -0.31
CIE LCh	40, 4.689, 183.786
Yxy	11.3540, 0.2992, 0.3338
Android (android.graphics.Color)	4283851103 (0xFF56615F)
YUV	93.4830, 0.7479, -6.5626
Hunter-Lab	33.6958, -5.0506, 1.6248

Details

The YUV color **93.4830, 0.7479, -6.5626** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **89.5170, -0.7479, 6.5626**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.0700, 0.4585, -7.0774**, and **47.7820, 0.6005, -5.9478** is the 20% darker color. If you saturate the color by 10%, you get **90.2650, 1.3484, -12.5104**, and if you desaturate by 10%, it is **96.7010, 0.1474, -0.6148**.

Distribution



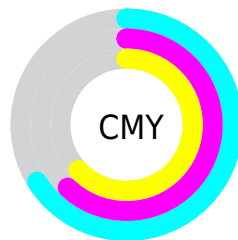
- Red (34%)
- Green (38%)
- Blue (37%)



- Red (34%)
- Yellow (36%)
- Blue (38%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (62%)



- Cyan (66%)
- Magenta (62%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.4830, 0.7479, -6.5626 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 93.4830, 0.7479, -6.5626 by changing the saturation by 10% instead.

■ 93.4830, 0.7479,
-6.5626

■ 93.4830, 0.7479,
-6.5626

■ 255.0000, 0.0000,
0.0000

■ 69.7820, 0.6005,
-5.9478

■ 144.0700, 0.4585,
-7.0774

■ 47.7820, 0.6005,
-5.9478

■ 170.1840, 0.8953,
-7.1774

■ 26.7820, 0.6005,
-5.9478

■ 197.7710, 0.6059,
-7.6922

■ 0.7010, 0.1474,
-0.6148

■ 225.7710, 0.6059,
-7.6922

■ 0.0000, 0.0000,
0.0000

■ 252.0100, 1.4741,
-6.1478

■ 93.4830, 0.7479,
-6.5626

■ 93.4830, 0.7479,
-6.5626

■ 90.2650, 1.3484,
-12.5104

■ 96.7010, 0.1474,
-0.6148

■ 87.3460, 1.8014,
-17.8434

■ 99.6200, -0.3057,
4.7183

■ 84.2420, 2.8387,
-23.8912

■ 102.7240, -1.3429,
10.7661

■ 81.0240, 3.4392,
-29.8390

■ 105.9420, -1.9434,
16.7139

■ 78.1050, 3.8922,
-35.1721

■ 109.1600, -2.5439,
22.6617

■ 74.8870, 4.4927,
-41.1199

■ 112.0790, -2.9969,
27.9947

■ 71.7830, 5.5300,
-47.1677

■ 115.1830, -4.0342,
34.0425

■ 68.5650, 6.1305,

■ 118.4010, -4.6347,

-53.1155

39.9903

■ 65.9450, 6.4361,
-57.8338

■ 121.3200, -5.0878,
45.3234

Harmonies

Analogous

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



93.9240, -1.4415, -4.3183



93.4830, 0.7479, -6.5626



93.6400, 2.6425, -7.5773

Triad

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



93.4830, 0.7479, -6.5626



95.3960, 2.7628, 0.5297



94.8220, -3.3632, 5.4181

Complementary

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



93.4830, 0.7479, -6.5626



89.5170, -0.7479, 6.5626

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.



95.1750, -2.0583, 6.8625



93.4830, 0.7479, -6.5626



95.6630, 1.1521, 3.8035

Square

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



93.4830, 0.7479, -6.5626



94.6020, 3.6472, -3.1590



95.5170, -0.7479, 6.5626



94.6860, -3.7892, 2.0294

Rectangle

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



93.4830, 0.7479, -6.5626



93.5800, 3.6581, -6.6477



95.5170, -0.7479, 6.5626



95.2350, -3.0739, 5.9329

Sweetspot

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



93.4830, 0.7479, -6.5626



123.6900, 0.1528, -2.3591



93.0550, -3.4781, -4.4332



62.9890, 0.0054, -1.7444



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



93.4830, 0.7479, -6.5626



119.2760, 1.3429, -10.7661



91.9500, 2.4897, -5.2181



46.8040, 0.5896, -2.4591



76.2320, 7.7736, -66.8555



163.2240, 16.1586, -143.1474

Inverse Universe

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



89.5170, -0.7479, 6.5626



112.8380, -0.9061, 10.6661



91.0500, -2.4896, 5.2182



45.1960, -0.5896, 2.4591



35.7680, -7.7736, 66.8555



76.7760, -16.1586, 143.1474

Previews

White Background



This preview shows how the YUV color 93.4830, 0.7479, -6.5626 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 93.4830, 0.7479, -6.5626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

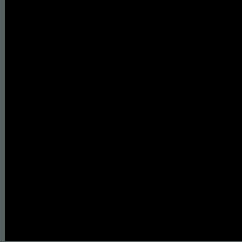
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.4830, 0.7479, -6.5626

Background



This preview shows how black text looks on a background with the YUV color 93.4830, 0.7479, -6.5626.



This preview shows how white text looks on a background with the YUV color 93.4830, 0.7479, -6.5626.

-6.5626.

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

93.4830, 0.7479, -6.5626

Protanopia

94.4840, -0.7316, 1.3295

Deuteranopia

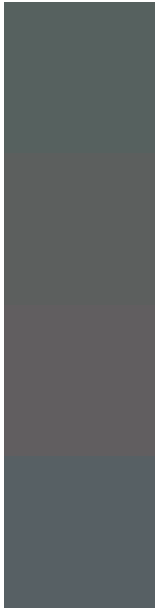
95.7450, 0.1257, 6.3626



Tritanopia

94.1070, 4.3842, -6.2328

Trichromacy



Original Color

93.4830, 0.7479, -6.5626

Protanomaly

93.9890, 0.0054, -1.7444

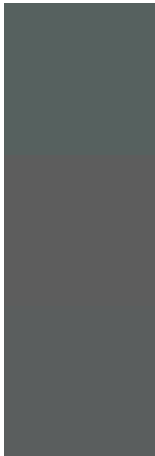
Deuteranomaly

95.1250, 0.4314, 1.6444

Tritanomaly

93.7650, 3.0739, -5.9329

Monochromacy



Original Color

93.4830, 0.7479, -6.5626

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.8040, 0.5896, -2.4591

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.4830, 0.7479, -6.5626 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(86, 97, 95)` looks like.

```
.text, #text, p{  
    color:rgb(86, 97, 95)  
}
```

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(86, 97, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 97, 95) }
```

Border

The CSS property to change the border of an element to YUV 93.4830, 0.7479, -6.5626 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(86, 97, 95) }
```


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

```
.border{ border-color:rgb(86, 97, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 97, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 97, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 97, 95);  
box-shadow:4px 4px 4px 4px rgb(86, 97, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 93.4830, 0.7479, -6.5626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 97, 95) }
```

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

```
.background{ background-color: rgb(86, 97,  
95) }
```

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