

Converting Colors

YUV(98.8610, 7.4635, -13.9101)

Have a look what the booklet for
YUV(98.8610, 7.4635, -13.9101)
contains.

YUV(98.8610, 7.4635, -13.9101)	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(98.8610, 7.4635,
-13.9101)**

Conversions

Conversions Part 1	
Format	Color
Hex	536872
RGB	83, 104, 114
RGB Percent	33%, 41%, 45%
CMY	0.6745, 0.5922, 0.5529
CMYK	0.27, 0.09, 0.00, 0.55
HSL	199°, 16%, 39%
HSV	199°, 27%, 45%
XYZ	11.5549, 12.9545, 17.8111
YIQ	98.8610, -15.7260, -1.3420

Conversions

Conversions Part 2

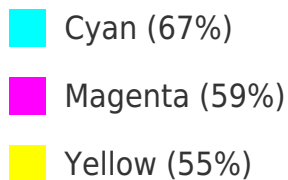
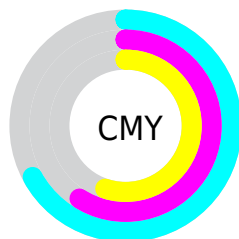
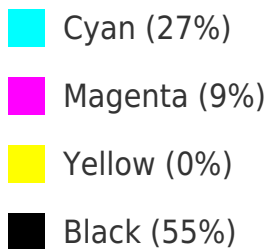
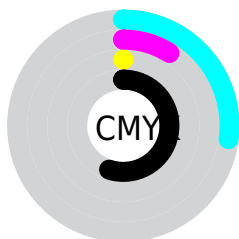
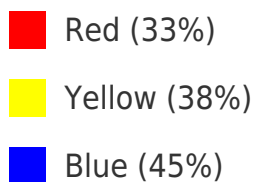
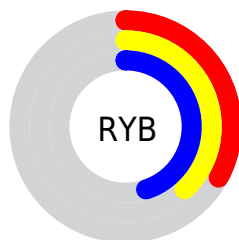
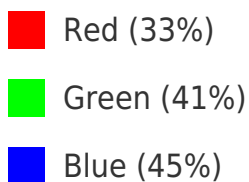
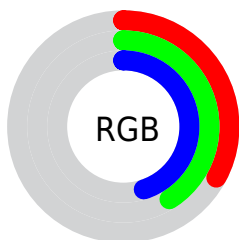
Format	Color
RYB	83, 96, 114
Decimal	5466226
CIELab	42.69, -5.30, -8.18
CIELCh	43, 9.750, 237.058
Yxy	12.9545, 0.2730, 0.3061
Android (android.graphics.Color)	4283656306 (0xFF536872)
YUV	98.8610, 7.4635, -13.9101
Hunter-Lab	35.9924, -5.6818, -4.1453

Details

The YUV color **98.8610, 7.4635, -13.9101** is a dark color, and the websafe version is hex **666666**, and the color name is **cadet**. A complement of this color would be **98.1390, -7.4635, 13.9101**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6760, 8.0477, -14.6249**, and **52.0460, 6.8793, -13.1953** is the 20% darker color. If you saturate the color by 10%, you get **93.2240, 10.2426, -18.6134**, and if you desaturate by 10%, it is **104.4980, 4.6845, -9.2067**.

Distribution





Brightness & Saturation

Gradients


These gradients show how the YUV color 98.8610, 7.4635, -13.9101 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 98.8610, 7.4635, -13.9101 by changing the saturation by 10% instead.

 98.8610, 7.4635,
-13.9101


 98.8610, 7.4635,
-13.9101


255.0000, 0.0000,
0.0000

 74.8610, 7.4635,
-13.9101


 149.6760, 8.0477,
-14.6249

 52.0460, 6.8793,
-13.1953

 176.6760, 8.0477,
-14.6249

 30.6330, 6.5899,
-13.7101

 204.3770, 8.1951,
-15.2396

 10.9540, 6.4317,
-9.6067

 232.3770, 8.1951,
-15.2396

 0.0000, 0.0000,
0.0000

 251.4120, 1.7689,
-7.3773

■ 98.8610, 7.4635,
-13.9101

■ 98.8610, 7.4635,
-13.9101

■ 93.2240, 10.2426,
-18.6134

■ 104.4980, 4.6845,
-9.2067

■ 87.8750, 12.8796,
-24.4464

■ 109.8470, 2.0474,
-3.3738

■ 82.2380, 15.6587,
-29.1497

■ 115.4840, -0.7316,
1.3295

■ 76.3020, 18.5851,
-34.4679

■ 121.4200, -3.6581,
6.6477

■ 71.2520, 21.0748,
-39.6860

■ 126.4700, -6.1477,
11.8658

■ 65.6150, 23.8538,
-44.3894

■ 132.1070, -8.9268,
16.5692

■ 59.6790, 26.7803,
-49.7075

■ 138.0430,
-11.8532, 21.8873

■ 58.1950, 27.5119,

■ 143.0930,

-51.0370

-14.3428, 27.1054

 149.0290,
-17.2693, 32.4236

Harmonies

Analogous

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



97.8670, 4.9956, -15.6694



98.8610, 7.4635, -13.9101



100.4210, 8.1734, -8.2622

Triad

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



98.8610, 7.4635, -13.9101



102.3760, -0.1854, 12.8252



99.8660, -6.8359, -0.7595

Complementary

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



98.8610, 7.4635, -13.9101



98.1390, -7.4635, 13.9101

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.



100.6820, -7.7312, 6.4179



98.8610, 7.4635, -13.9101



102.3500, -4.1165, 13.7251

Square

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



98.8610, 7.4635, -13.9101



102.6680, 3.6147, 7.3072



101.3560, -6.5845, 11.9658



99.0330, -3.4673, -7.9219

Rectangle

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



98.8610, 7.4635, -13.9101



101.2260, 7.2836, -2.8292



101.3560, -6.5845, 11.9658



100.0620, -7.4256, 1.6996

Sweetspot

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



98.8610, 7.4635, -13.9101



142.0640, 2.9264, -5.3181



102.3370, -4.6031, -16.9585



70.7330, 1.6106, -3.2738



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



98.8610, 7.4635, -13.9101



123.9570, 11.8532, -21.8873



90.0560, 11.8044, -6.1881



53.0320, 1.4632, -2.6591



61.2270, 28.9751, -53.6961



126.7740, 59.2714, -111.1808

Inverse Universe

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



94.6630, 4.6031, 16.9585



117.4130, 7.1914, 26.8248



106.9440, -11.8044, 6.1881



52.2500, 0.8628, 3.2888



45.1140, 17.6918, 65.6750



93.0050, 36.9725, 135.0536

Previews

White Background



This preview shows how the YUV color 98.8610, 7.4635, -13.9101 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 98.8610, 7.4635, -13.9101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

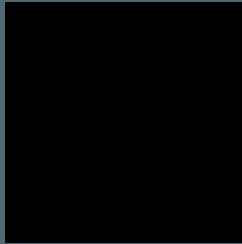
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

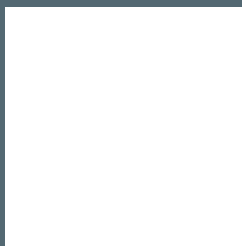
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 98.8610, 7.4635, -13.9101

Background



This preview shows how black text looks on a background with the YUV color 98.8610, 7.4635, -13.9101.



This preview shows how white text looks on a background with the YUV color 98.8610, 7.4635,

-13.9101.

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

98.8610, 7.4635, -13.9101

Protanopia

100.9550, 4.9522, -1.7145

Deuteranopia

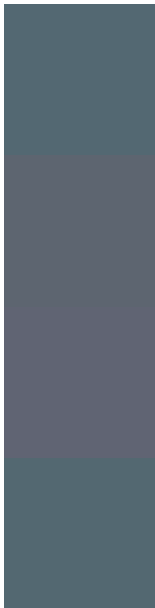
101.4330, 6.6885, 1.3743



Tritanopia

98.7470, 7.0267, -13.8101

Trichromacy



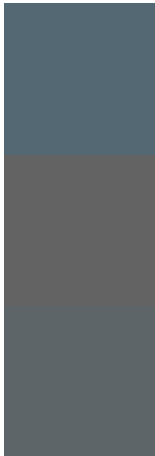
Original Color
98.8610, 7.4635, -13.9101

Protanomaly
99.8620, 5.9840, -6.0180

Deuteranomaly
100.5140, 7.1416, -3.9588

Tritanomaly
98.7470, 7.0267, -13.8101

Monochromacy



Original Color
98.8610, 7.4635, -13.9101

Achromatopsia
99.0000, 0.0000, 0.0000

Achromatomaly
98.9500, 2.4897, -5.2181

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.8610, 7.4635, -13.9101 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(83, 104, 114)` looks like.

```
.text, #text, p{  
    color:rgb(83, 104, 114)  
}
```

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(83, 104, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 104, 114) }
```

Border

The CSS property to change the border of an element to YUV 98.8610, 7.4635, -13.9101 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(83, 104, 114) }
```


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

```
.border{ border-color:rgb(83, 104, 114) }
```

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

Here you see how a box with a 4 pixel rgb(83, 104, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 104, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 104, 114);  
box-shadow:4px 4px 4px 4px rgb(83, 104,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 98.8610, 7.4635, -13.9101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 104, 114) }
```

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

```
.background{ background-color: rgb(83, 104,  
114) }
```

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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