

Converting Colors

YUV(106.7830, 8.9810,
-34.0127)

Have a look what the booklet for
YUV(106.7830, 8.9810, -34.0127)
contains.

YUV(106.7830, 8.9810, -34.0127)	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(106.7830, 8.9810,
-34.0127)**

Conversions

Conversions Part 1

Format	Color
Hex	447B7D
RGB	68, 123, 125
RGB Percent	27%, 48%, 49%
CMY	0.7333, 0.5176, 0.5098
CMYK	0.46, 0.02, 0.00, 0.51
HSL	182°, 30%, 38%
HSV	182°, 46%, 49%
XYZ	13.1685, 16.8755, 21.9653
YIQ	106.7830, -33.4220, -11.0380

Conversions

Conversions Part 2

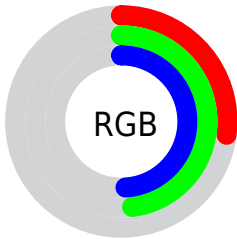
Format	Color
RYB	68, 96, 125
Decimal	4488061
CIELab	48.10, -17.58, -6.78
CIELCh	48, 18.842, 201.075
Yxy	16.8755, 0.2532, 0.3245
Android (android.graphics.Color)	4282678141 (0xFF447B7D)
YUV	106.7830, 8.9810, -34.0127
Hunter-Lab	41.0798, -14.6699, -2.9463

Details

The YUV color **106.7830, 8.9810, -34.0127** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **86.2170, -8.9810, 34.0127**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.4840, 9.1284, -34.6275**, and **55.3910, 10.1602, -38.9309** is the 20% darker color. If you saturate the color by 10%, you get **103.1950, 10.7499, -41.3900**, and if you desaturate by 10%, it is **110.6700, 7.0647, -26.0206**.

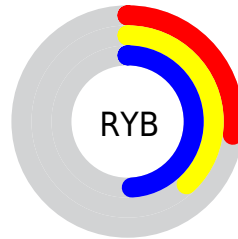
Distribution



Red (27%)

Green (48%)

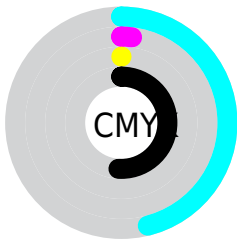
Blue (49%)



Red (27%)

Yellow (38%)

Blue (49%)

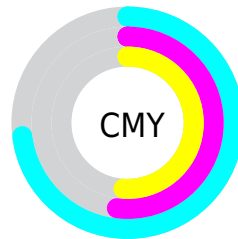


Cyan (46%)

Magenta (2%)

Yellow (0%)

Black (51%)



Cyan (73%)

Magenta (52%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.7830, 8.9810, -34.0127 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 106.7830, 8.9810, -34.0127 by changing the saturation by 10% instead.

■ 106.7830, 8.9810,
-34.0127

■ 106.7830, 8.9810,
-34.0127

■ 255.0000, 0.0000,
0.0000

■ 81.4840, 9.1284,
-34.6275

■ 159.4840, 9.1284,
-34.6275

■ 55.3910, 10.1602,
-38.9309

■ 186.4840, 9.1284,
-34.6275

■ 36.0930, 8.8282,
-31.6536

■ 214.1850, 9.2758,
-35.2422

■ 21.8450, 5.0064,
-19.1581

■ 239.1530, 7.8126,
-32.5832

■ 1.0260, 3.9312,
-0.8998

■ 247.8240, 3.5378,
-14.7546

■ 0.0000, 0.0000,
0.0000

■ 106.7830, 8.9810,
-34.0127

■ 106.7830, 8.9810,
-34.0127

■ 103.1950, 10.7499,
-41.3900

■ 110.6700, 7.0647,
-26.0206

■ 98.7210, 12.9555,
-48.8673

■ 114.8450, 5.0064,
-19.1581

■ 95.1330, 14.7244,
-56.2446

■ 118.7320, 3.0901,
-11.1660

■ 90.6590, 16.9301,
-63.7219

■ 122.9070, 1.0318,
-4.3034

■ 87.0710, 18.6990,
-71.0993

■ 126.7940, -0.8844,
3.6887

■ 85.2770, 19.5834,
-74.7879

■ 130.9690, -2.9427,
10.5512

■ 134.5570, -4.7116,
17.9285

■ 139.0310, -6.9173,

25.4058

■ 142.6190, -8.6862,
32.7831

Harmonies

Analogous

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



108.2480, 0.3707, -25.6505



106.7830, 8.9810, -34.0127



107.9880, 14.7959, -32.4385

Triad

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



106.7830, 8.9810, -34.0127



116.3680, 8.6926, 11.9553



114.0760, -15.3205, 13.9653

Complementary

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



106.7830, 8.9810, -34.0127



86.2170, -8.9810, 34.0127

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.



114.9400, -12.2954, 23.7316



106.7830, 8.9810, -34.0127



116.8980, 1.5293, 22.8915

Square

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



106.7830, 8.9810, -34.0127



115.0500, 14.2724, -4.4288



116.1560, -6.4859, 27.0502



112.3410, -13.9721, 1.4549

Rectangle

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



106.7830, 8.9810, -34.0127



110.4880, 16.5214, -25.8610



116.1560, -6.4859, 27.0502



114.5110, -15.0419, 17.9689

Sweetspot

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



106.7830, 8.9810, -34.0127



155.5360, 3.6798, -13.6251



101.6870, -15.6217, -29.5435



77.2270, 2.3531, -8.0921



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



106.7830, 8.9810, -34.0127



134.3290, 14.1348, -53.7855



90.3470, 17.0839, -19.5983



61.9070, 1.0318, -4.3034



86.7930, 20.3151, -76.1175



0.0000, 0.0000, 0.0000

Inverse Universe

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



91.3130, 15.6217, 29.5435



109.8280, 24.7348, 46.6318



102.6530, -17.0839, 19.5983



59.8910, 2.0257, 3.6036



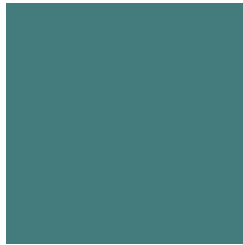
52.2940, 34.8581, 66.3942



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 106.7830, 8.9810, -34.0127 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 106.7830, 8.9810, -34.0127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

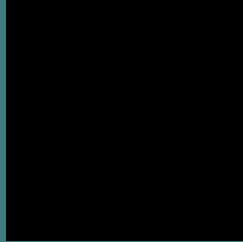
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.7830, 8.9810, -34.0127

Background



This preview shows how black text looks on a background with the YUV color 106.7830, 8.9810, -34.0127.



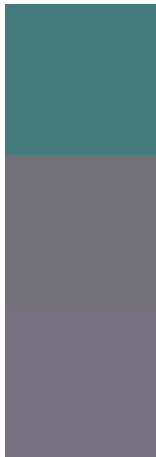
This preview shows how white text looks on a background with the YUV color 106.7830, 8.9810,

-34.0127.

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

106.7830, 8.9810, -34.0127

Protanopia

113.9830, 2.4734, 0.0149

Deuteranopia

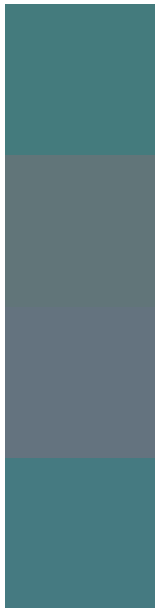
115.0310, 6.3937, 2.6038



Tritanopia

107.5920, 12.0331, -32.9682

Trichromacy



Original Color

106.7830, 8.9810, -34.0127

Protanomaly

111.4760, 4.6953, -12.6955

Deuteranomaly

111.8830, 7.4527, -10.4214

Tritanomaly

106.9510, 10.8702, -33.2830

Monochromacy



Original Color

106.7830, 8.9810, -34.0127

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.1340, 3.3849, -12.3955

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.7830, 8.9810, -34.0127 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(68, 123, 125)` looks like.

```
.text, #text, p{  
    color:rgb(68, 123, 125)  
}
```

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(68, 123, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 123, 125) }
```

Border

The CSS property to change the border of an element to YUV 106.7830, 8.9810, -34.0127 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(68, 123, 125) }
```


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

```
.border{ border-color:rgb(68, 123, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 123, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 123, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 123, 125);  
box-shadow:4px 4px 4px 4px rgb(68, 123,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 106.7830, 8.9810, -34.0127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 123, 125) }
```

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

```
.background{ background-color: rgb(68, 123,  
125) }
```

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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