

Converting Colors

YUV(166.0840, -17.7894,
-34.2767)

Have a look what the booklet for
YUV(166.0840, -17.7894, -34.2767)
contains.

YUV(166.0840, -17.7894, -34.2767)	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(166.0840, -17.7894,
-34.2767)**

Conversions

Conversions Part 1

Format	Color
Hex	7FC182
RGB	127, 193, 130
RGB Percent	50%, 76%, 51%
CMY	0.5020, 0.2431, 0.4902
CMYK	0.34, 0.00, 0.33, 0.24
HSL	123°, 35%, 63%
HSV	123°, 34%, 76%
XYZ	31.8516, 44.2637, 27.9841
YIQ	166.0840, -19.1130, -33.5850

Conversions

Conversions Part 2

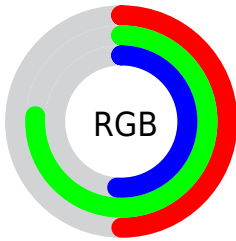
Format	Color
RYB	127, 190, 193
Decimal	8372610
CIELab	72.40, -33.76, 25.26
CIElCh	72, 42.163, 143.190
Yxy	44.2637, 0.3060, 0.4252
Android (android.graphics.Color)	4286562690 (0xFF7FC182)
YUV	166.0840, -17.7894, -34.2767
Hunter-Lab	66.5309, -30.9724, 21.6332

Details

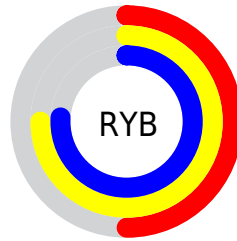
The YUV color **166.0840, -17.7894, -34.2767** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **153.9160, 17.7894, 34.2767**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.0300, -19.2418, -35.1063**, and **112.8390, -16.1896, -34.0618** is the 20% darker color. If you saturate the color by 10%, you get **158.3510, -22.8510, -44.1578**, and if you desaturate by 10%, it is **173.8170, -12.7278, -24.3955**.

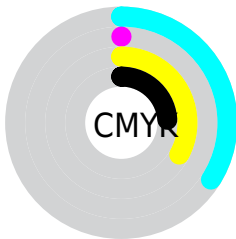
Distribution



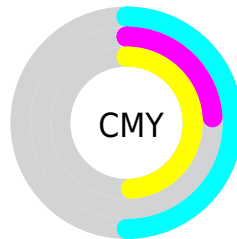
- Red (50%)
- Green (76%)
- Blue (51%)



- Red (50%)
- Yellow (75%)
- Blue (76%)



- Cyan (34%)
- Magenta (0%)
- Yellow (33%)
- Black (24%)



- Cyan (50%)
- Magenta (24%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.0840, -17.7894, -34.2767 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 166.0840, -17.7894, -34.2767 by changing the saturation by 10% instead.

■ 166.0840,
-17.7894, -34.2767

■ 166.0840,
-17.7894, -34.2767

■ 255.0000, 0.0000,
0.0000

■ 139.6110,
-17.0632, -33.8618

■ 222.0300,
-19.2418, -35.1063

■ 112.8390,
-16.1896, -34.0618

■ 236.5290,
-12.5858, -23.2659

■ 87.0670, -15.3160,
-34.2618

■ 248.5060, -4.1935,
-8.3368

■ 61.2130, -13.4160,
-37.0208

■ 38.8220, -13.7162,
-34.0469

■ 24.6540, -12.1544,
-21.6216

■ 9.3920, -4.6303,

-8.2368

■ 0.0000, 0.0000,
0.0000

■ 166.0840,
-17.7894, -34.2767

■ 166.0840,
-17.7894, -34.2767

■ 158.3510,
-22.8510, -44.1578

■ 173.8170,
-12.7278, -24.3955

■ 150.2050,
-28.2021, -54.5538

■ 181.9630, -7.3768,
-13.9996

■ 142.4720,
-33.2637, -64.4349

■ 189.6960, -2.3151,
-4.1184

■ 134.6250,
-38.7621, -74.2161

■ 197.5430, 3.1833,
5.6628

■ 126.5930,
-43.6763, -84.7121

■ 205.5750, 8.0975,
16.1587

■ 118.7460,
-49.1748, -94.4932

■ 213.4220, 13.5960,
25.9399

■ 114.3170,
-51.9213, -100.2560

■ 218.6060, 17.9422,
31.9175

Harmonies

Analogous

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



171.4060, -32.7382, 0.5209



166.0840, -17.7894, -34.2767



155.9060, 5.4693, -74.4626

Triad

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



166.0840, -17.7894, -34.2767



167.4620, 42.6632, -57.4102



179.7970, -15.1829, 63.3220

Complementary

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



166.0840, -17.7894, -34.2767



153.9160, 17.7894, 34.2767

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.



181.8620, 3.0260, 56.2490



166.0840, -17.7894, -34.2767



179.1800, 33.9283, -8.9279

Square

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



166.0840, -17.7894, -34.2767



140.4230, 48.1055, -123.1510



182.8770, 20.2736, 30.8029



178.1320, -30.1381, 53.3812

Rectangle

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



166.0840, -17.7894, -34.2767



138.3420, 27.4394, -121.3259



182.8770, 20.2736, 30.8029



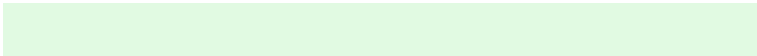
180.1050, -8.9258, 63.0519

Sweetspot

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



166.0840, -17.7894, -34.2767



239.7890, -6.7980, -12.9700



184.8780, -28.5339, 5.3690



118.9190, -3.9041, -7.8220



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



166.0840, -17.7894, -34.2767



208.0310, -27.6233, -53.5242



169.7320, -3.8119, -37.4760



92.9840, -2.4571, -5.2480



95.3050, -43.5344, -83.5825



19.5990, -8.6763, -17.1883

Inverse Universe

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



153.9160, 17.7894, 34.2767



188.9690, 27.6233, 53.5242



150.2680, 3.8119, 37.4760



91.0160, 2.4571, 5.2480



65.5810, 43.0976, 83.6825



13.5150, 9.1131, 17.0883

Previews

White Background



This preview shows how the YUV color 166.0840, -17.7894, -34.2767 looks on a white background.

Color Contrast Check

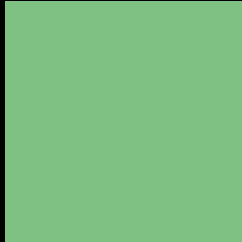
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 166.0840, -17.7894, -34.2767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

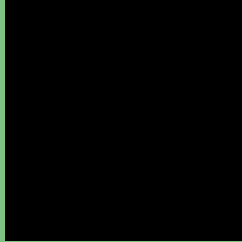
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.0840, -17.7894, -34.2767 Background



This preview shows how black text looks on a background with the YUV color 166.0840, -17.7894, -34.2767.



This preview shows how white text looks on a background with the YUV color 166.0840, -17.7894, -34.2767.

-34.2767.

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

166.0840, -17.7894, -34.2767

Protanopia

175.0300, -25.6508, 14.0057

Deuteranopia

177.3720, -20.8894, 26.8608



Tritanopia

172.5540, 13.0379, -28.5499

Trichromacy



Original Color

166.0840, -17.7894, -34.2767

Protanomaly

172.0170, -22.6864, -3.5229

Deuteranomaly

173.1690, -19.8033, 5.1138

Tritanomaly

169.9700, 1.9868, -30.6687

Monochromacy



Original Color

166.0840, -17.7894, -34.2767

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.2020, -6.5086, -12.4552

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.0840, -17.7894, -34.2767 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(127, 193, 130)` looks like.

```
.text, #text, p{  
    color:rgb(127, 193, 130)  
}
```

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(127, 193, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 193, 130) }
```

Border

The CSS property to change the border of an element to YUV 166.0840, -17.7894, -34.2767 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(127, 193, 130) }
```


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

```
.border{ border-color:rgb(127, 193, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 193, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 193, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 193, 130);  
box-shadow:4px 4px 4px 4px rgb(127, 193,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 166.0840, -17.7894, -34.2767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 193, 130) }
```

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

```
.background{ background-color: rgb(127,  
193, 130) }
```

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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