

Converting Colors

YUV(166.8970, 33.0818,
-17.4497)

Have a look what the booklet for
YUV(166.8970, 33.0818, -17.4497)
contains.

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Color

**YUV(166.8970, 33.0818,
-17.4497)**

Conversions

Conversions Part 1

Format	Color
Hex	93A4EA
RGB	147, 164, 234
RGB Percent	58%, 64%, 92%
CMY	0.4235, 0.3569, 0.0824
CMYK	0.37, 0.30, 0.00, 0.08
HSL	228°, 67%, 75%
HSV	228°, 37%, 92%
XYZ	40.1594, 38.6945, 83.1941
YIQ	166.8970, -32.6020, 18.1660

Conversions

Conversions Part 2

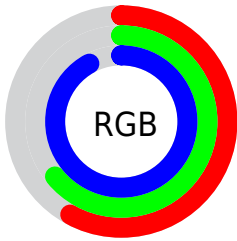
Format	Color
RYB	147, 161, 234
Decimal	9676010
CIELab	68.53, 10.84, -37.10
CIELCh	69, 38.652, 286.288
Yxy	38.6945, 0.2478, 0.2388
Android (android.graphics.Color)	4287866090 (0xFF93A4EA)
YUV	166.8970, 33.0818, -17.4497
Hunter-Lab	62.2049, 6.3807, -35.7522

Details

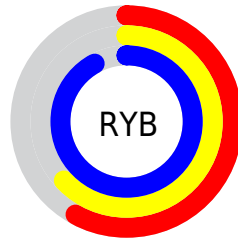
The YUV color **166.8970, 33.0818, -17.4497** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **214.1030, -33.0818, 17.4497**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.3200, 18.0832, -13.4356**, and **113.8430, 31.6294, -18.2793** is the 20% darker color. If you saturate the color by 10%, you get **148.8670, 41.9706, -21.8084**, and if you desaturate by 10%, it is **184.9270, 24.1930, -13.0910**.

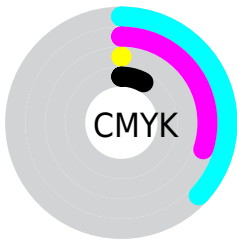
Distribution



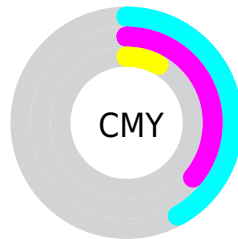
- Red (58%)
- Green (64%)
- Blue (92%)



- Red (58%)
- Yellow (63%)
- Blue (92%)



- Cyan (37%)
- Magenta (30%)
- Yellow (0%)
- Black (8%)



- Cyan (42%)
- Magenta (36%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.8970, 33.0818, -17.4497 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 166.8970, 33.0818, -17.4497 by changing the saturation by 10% instead.

■ 166.8970, 33.0818,
-17.4497

■ 166.8970, 33.0818,
-17.4497

255.0000, 0.0000,
0.0000

■ 140.3700, 32.3556,
-17.8645

■ 218.3200, 18.0832,
-13.4356

■ 113.8430, 31.6294,
-18.2793

■ 243.4270, 5.7055,
-10.0215

■ 88.3050, 30.9086,
-20.4385

■ 63.4680, 30.3353,
-23.2124

■ 36.6410, 31.2360,
-32.1342

■ 22.6380, 25.8145,
-19.8535

■ 6.5150, 22.4241,

-5.7137

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 166.8970, 33.0818,
-17.4497

■ 166.8970, 33.0818,
-17.4497

■ 148.8670, 41.9706,
-21.8084

■ 184.9270, 24.1930,
-13.0910

■ 130.5380, 51.0068,
-26.7818

■ 203.2560, 15.1568,
-8.1175

■ 113.0950, 59.6062,
-31.6553

■ 220.6990, 6.5574,
-3.2440

■ 94.7660, 68.6424,
-36.6288

■ 239.0280, -2.4788,
1.7294

■ 76.7360, 77.5312,
-40.9875

■ 252.6060, -9.1728,
2.0995

■ 58.7060, 86.4199,
-45.3462

■ 53.6780, 88.8987,
-47.0756

Harmonies

Analogous

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



154.8160, 39.0377, -61.2286



166.8970, 33.0818, -17.4497



171.5660, 21.9060, 20.5516

Triad

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



166.8970, 33.0818, -17.4497



168.2010, -24.7491, 51.5667



151.2950, -1.1314, -57.2637

Complementary

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



166.8970, 33.0818, -17.4497



214.1030, -33.0818, 17.4497

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.



158.5800, -20.0059, -23.3107



166.8970, 33.0818, -17.4497



165.6150, -32.8412, 33.6636

Square

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



166.8970, 33.0818, -17.4497



169.4310, -10.0725, 57.5040



162.7920, -31.4495, 7.1984



136.9640, 24.1747, -100.8234

Rectangle

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



166.8970, 33.0818, -17.4497



171.7550, 11.9528, 39.6799



162.7920, -31.4495, 7.1984



153.6510, -7.7159, -45.2979

Sweetspot

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



166.8970, 33.0818, -17.4497



233.1270, 10.7834, -5.3734



206.0490, 5.3988, -51.7860



114.6990, 6.5574, -3.2440



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



166.8970, 33.0818, -17.4497



166.6110, 43.5758, -23.3378



164.6920, 34.1688, 7.2861



108.4280, 4.2260, -2.1294



41.1790, 68.9318, -36.1140



12.0260, 20.6932, -10.5468

Inverse Universe

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



174.9510, -5.3988, 51.7860



177.0070, -6.9055, 68.3999



216.3080, -34.1688, -7.2861



109.5170, -0.7479, 6.5626



58.1090, -11.3927, 107.7754



17.2860, -3.5920, 32.1982

Previews

White Background



This preview shows how the YUV color 166.8970, 33.0818, -17.4497 looks on a white background.

Color Contrast Check

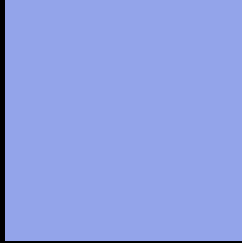
Large Text (above 18pt) WCAG AA × Fail

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 166.8970, 33.0818, -17.4497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

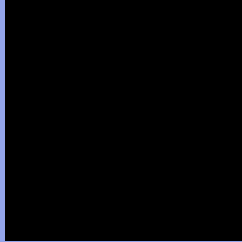
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.8970, 33.0818, -17.4497

Background



This preview shows how black text looks on a background with the YUV color 166.8970, 33.0818, -17.4497.



This preview shows how white text looks on a background with the YUV color 166.8970, 33.0818, -17.4497.

-17.4497.

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

166.8970, 33.0818, -17.4497

Protanopia

166.2990, 33.3766, -18.6792

Deuteranopia

166.5870, 33.2346, -19.8088



Tritanopia

163.5330, 11.5692, -24.1464

Trichromacy



Original Color

166.8970, 33.0818, -17.4497

Protanomaly

166.5980, 33.2292, -18.0644

Deuteranomaly

166.8860, 33.0872, -19.1940

Tritanomaly

164.9060, 19.2733, -21.8426

Monochromacy



Original Color

166.8970, 33.0818, -17.4497

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.0560, 11.8044, -6.1881

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.8970, 33.0818, -17.4497 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(147, 164, 234)` looks like.

```
.text, #text, p{  
    color:rgb(147, 164, 234)  
}
```

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(147, 164, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 164, 234) }
```

Border

The CSS property to change the border of an element to YUV 166.8970, 33.0818, -17.4497 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(147, 164, 234) }
```


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

```
.border{ border-color:rgb(147, 164, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 164, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 164, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 164, 234);  
box-shadow:4px 4px 4px 4px rgb(147, 164,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 166.8970, 33.0818, -17.4497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 164, 234) }
```

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

```
.background{ background-color: rgb(147,  
164, 234) }
```

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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