

Converting Colors

YUV(176.6780, 21.8507,
-8.4876)

Have a look what the booklet for
YUV(176.6780, 21.8507, -8.4876)
contains.

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Color

**YUV(176.6780, 21.8507,
-8.4876)**

Conversions

Conversions Part 1

Format	Color
Hex	A7ADDD
RGB	167, 173, 221
RGB Percent	65%, 68%, 87%
CMY	0.3451, 0.3216, 0.1333
CMYK	0.24, 0.22, 0.00, 0.13
HSL	233°, 44%, 76%
HSV	233°, 24%, 87%
XYZ	43.9311, 43.3231, 74.4534
YIQ	176.6780, -18.9840, 13.6560

Conversions

Conversions Part 2

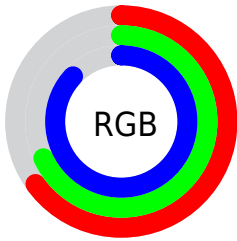
Format	Color
RYB	167, 172, 221
Decimal	10989021
CIELab	71.77, 8.25, -24.87
CIELCh	72, 26.199, 288.360
Yxy	43.3231, 0.2717, 0.2679
Android (android.graphics.Color)	4289179101 (0xFFA7ADDD)
YUV	176.6780, 21.8507, -8.4876
Hunter-Lab	65.8203, 3.9525, -20.9924

Details

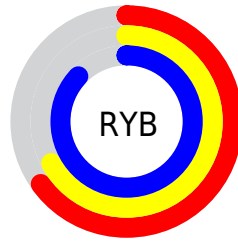
The YUV color **176.6780, 21.8507, -8.4876** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **211.3220, -21.8507, 8.4876**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.5830, 12.5306, -5.7733**, and **124.0370, 20.6878, -8.8024** is the 20% darker color. If you saturate the color by 10%, you get **158.3600, 30.8815, -11.7167**, and if you desaturate by 10%, it is **194.9960, 12.8200, -5.2585**.

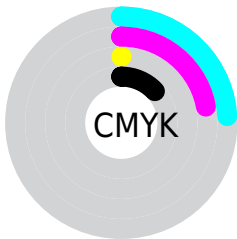
Distribution



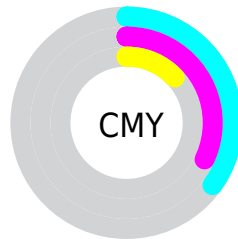
- Red (65%)
- Green (68%)
- Blue (87%)



- Red (65%)
- Yellow (67%)
- Blue (87%)



- Cyan (24%)
- Magenta (22%)
- Yellow (0%)
- Black (13%)



- Cyan (35%)
- Magenta (32%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.6780, 21.8507, -8.4876 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 176.6780, 21.8507, -8.4876 by changing the saturation by 10% instead.

■ 176.6780, 21.8507,
-8.4876

■ 176.6780, 21.8507,
-8.4876

255.0000, 0.0000,
0.0000

■ 149.5640, 21.4139,
-8.3876

■ 229.5830, 12.5306,
-5.7733

■ 124.0370, 20.6878,
-8.8024

■ 254.1030, 0.4422,
-1.8443

■ 98.8090, 19.8142,
-8.6025

■ 74.3960, 19.5248,
-9.1173

■ 51.4560, 18.5092,
-10.0469

■ 28.6190, 17.9358,
-12.8209

■ 6.6630, 17.9141,

-5.8435

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 176.6780, 21.8507,
-8.4876

■ 176.6780, 21.8507,
-8.4876

■ 158.3600, 30.8815,
-11.7167

■ 194.9960, 12.8200,
-5.2585

■ 140.6290, 39.6229,
-15.4606

■ 212.7270, 4.0786,
-1.5146

■ 122.3110, 48.6537,
-18.6897

■ 231.0450, -4.9522,
1.7145

■ 103.9930, 57.6845,
-21.9189

■ 249.3630,
-13.9830, 4.9436

■ 86.2620, 66.4258,
-25.6628

■ 251.1240,
-14.8511, 3.3993

■ 67.6450, 75.6040,
-29.5067

■ 49.3270, 84.6348,
-32.7358

■ 39.8690, 89.2976,
-34.9651

Harmonies

Analogous

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



171.6210, 24.8368, -32.9936



176.6780, 21.8507, -8.4876



179.4700, 14.0653, 15.3738

Triad

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



176.6780, 21.8507, -8.4876



177.8230, -18.1537, 36.1122



167.1280, -1.0491, -36.9463

Complementary

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



176.6780, 21.8507, -8.4876



211.3220, -21.8507, 8.4876

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.



170.0460, -13.3337, -16.7033



176.6780, 21.8507, -8.4876



175.4810, -22.9151, 23.2572

Square

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



176.6780, 21.8507, -8.4876



179.0760, -8.4185, 40.2753



173.1150, -21.2557, 4.2841



164.5960, 12.5242, -50.5117

Rectangle

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



176.6780, 21.8507, -8.4876



180.0110, 6.8966, 28.0544



173.1150, -21.2557, 4.2841



168.0210, -5.4334, -30.7134

Sweetspot

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



176.6780, 21.8507, -8.4876



240.2260, 7.2836, -2.8292



204.1700, 5.3392, -32.5981



118.8410, 4.5154, -1.6146



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.



176.6780, 21.8507, -8.4876



194.1320, 30.0079, -11.5168



179.4350, 20.4915, 7.5115



100.8410, 4.5154, -1.6146



30.8750, 70.0676, -27.0774



8.1790, 18.6458, -7.1730

Inverse Universe

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



183.8300, -5.3392, 32.5981



204.0380, -7.4137, 44.6937



208.5650, -20.4915, -7.5115



102.4030, -1.1847, 6.6626



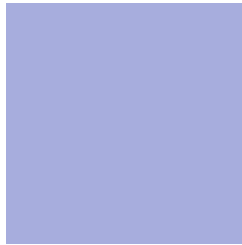
53.8930, -17.2022, 104.4568



14.3240, -4.5967, 27.7799

Previews

White Background



This preview shows how the YUV color 176.6780, 21.8507, -8.4876 looks on a white background.

Color Contrast Check

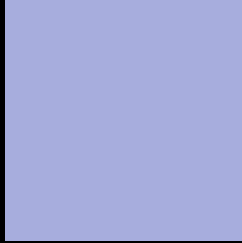
Large Text (above 18pt) WCAG AA × Fail

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 176.6780, 21.8507, -8.4876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

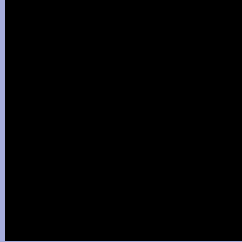
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.6780, 21.8507, -8.4876

Background



This preview shows how black text looks on a background with the YUV color 176.6780, 21.8507, -8.4876.



This preview shows how white text looks on a background with the YUV color 176.6780, 21.8507, -8.4876.

-8.4876.

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

176.6780, 21.8507, -8.4876

Protanopia

176.4820, 22.4404, -10.9467

Deuteranopia

176.6890, 21.8453, -6.7433



Tritanopia

174.5130, 8.6211, -11.8509

Trichromacy



Original Color

176.6780, 21.8507, -8.4876

Protanomaly

176.7810, 22.2930, -10.3319

Deuteranomaly

176.3900, 21.9927, -7.3580

Tritanomaly

175.1910, 13.7098, -10.6915

Monochromacy



Original Color

176.6780, 21.8507, -8.4876

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

177.0410, 7.8678, -3.5440

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.6780, 21.8507, -8.4876 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(167, 173, 221)` looks like.

```
.text, #text, p{  
    color:rgb(167, 173, 221)  
}
```

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(167, 173, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 173, 221) }
```

Border

The CSS property to change the border of an element to YUV 176.6780, 21.8507, -8.4876 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(167, 173, 221) }
```


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

```
.border{ border-color:rgb(167, 173, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 173, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 173, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 173, 221);  
box-shadow:4px 4px 4px 4px rgb(167, 173,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 176.6780, 21.8507, -8.4876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 173, 221) }
```

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

```
.background{ background-color: rgb(167,  
173, 221) }
```

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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