

Converting Colors

YUV(178.8580, 18.8040,
-11.2765)

Have a look what the booklet for
YUV(178.8580, 18.8040, -11.2765)
contains.

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Color

**YUV(178.8580, 18.8040,
-11.2765)**

Conversions

Conversions Part 1

Format	Color
Hex	A6B2D9
RGB	166, 178, 217
RGB Percent	65%, 70%, 85%
CMY	0.3490, 0.3020, 0.1490
CMYK	0.24, 0.18, 0.00, 0.15
HSL	226°, 40%, 75%
HSV	226°, 24%, 85%
XYZ	44.1707, 44.9575, 71.9953
YIQ	178.8580, -19.6710, 9.5850

Conversions

Conversions Part 2

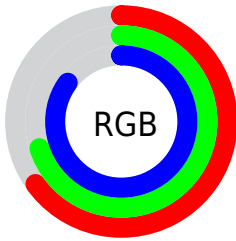
Format	Color
RYB	166, 176, 217
Decimal	10924761
CIELab	72.86, 4.25, -21.03
CIELCh	73, 21.451, 281.441
Yxy	44.9575, 0.2741, 0.2790
Android (android.graphics.Color)	4289114841 (0xFFA6B2D9)
YUV	178.8580, 18.8040, -11.2765
Hunter-Lab	67.0504, 0.2520, -16.7273

Details

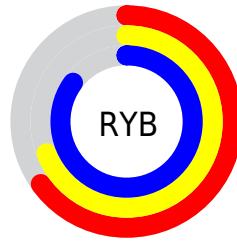
The YUV color $178.8580, 18.8040, -11.2765$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $204.1420, -18.8040, 11.2765$, and the grayscale version is $179.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $232.8060, 10.9416, -9.4769$, and $125.6300, 17.9304, -11.0765$ is the 20% darker color. If you saturate the color by 10%, you get $162.3010, 26.9666, -16.0500$, and if you desaturate by 10%, it is $195.4150, 10.6414, -6.5030$.

Distribution



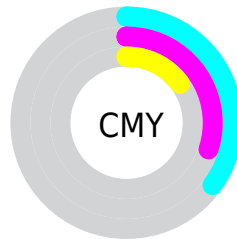
- Red (65%)
- Green (70%)
- Blue (85%)



- Red (65%)
- Yellow (69%)
- Blue (85%)



- Cyan (24%)
- Magenta (18%)
- Yellow (0%)
- Black (15%)



- Cyan (35%)
- Magenta (30%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.8580, 18.8040, -11.2765 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 178.8580, 18.8040, -11.2765 by changing the saturation by 10% instead.

■ 178.8580, 18.8040,
-11.2765

■ 178.8580, 18.8040,
-11.2765

■ 255.0000, 0.0000,
0.0000

■ 151.7440, 18.3672,
-11.1765

■ 232.8060, 10.9416,
-9.4769

■ 125.6300, 17.9304,
-11.0765

■ 253.5050, 0.7370,
-3.0739

■ 101.1030, 17.2042,
-11.4913

■ 76.5760, 16.4780,
-11.9062

■ 53.4620, 16.0412,
-11.8062

■ 30.9240, 15.3205,
-13.9653

■ 10.4300, 14.5780,

-9.1471

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 178.8580, 18.8040,
-11.2765

■ 178.8580, 18.8040,
-11.2765

■ 162.3010, 26.9666,
-16.0500

■ 195.4150, 10.6414,
-6.5030

■ 146.6300, 34.6924,
-20.7235

■ 211.0860, 2.9156,
-1.8294

■ 130.0730, 42.8550,
-25.4970

■ 227.6430, -5.2470,
2.9441

■ 114.1030, 50.7282,
-30.7853

■ 243.6130,
-13.1202, 8.2324

■ 97.8450, 58.7434,
-34.9441

■ 250.6680,
-16.5983, 3.7992

■ 81.2880, 66.9060,
-39.7176

■ 65.3180, 74.7792,
-45.0059

■ 54.6750, 80.0262,
-47.9500

Harmonies

Analogous

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



174.6770, 19.8792, -29.5347



178.8580, 18.8040, -11.2765



181.4970, 13.0660, 9.2111

Triad

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



178.8580, 18.8040, -11.2765



181.0550, -13.3381, 31.5238



172.3250, -3.1182, -26.5950

Complementary

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



178.8580, 18.8040, -11.2765



204.1420, -18.8040, 11.2765

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.



175.2040, -12.9186, -9.8259



178.8580, 18.8040, -11.2765



179.0340, -18.2578, 22.7722

Square

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



178.8580, 18.8040, -11.2765



181.9440, -4.9024, 32.4981



177.2340, -18.3564, 7.6878



170.7070, 7.5394, -38.3310

Rectangle

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



178.8580, 18.8040, -11.2765



182.4830, 7.6499, 19.7474



177.2340, -18.3564, 7.6878



173.0330, -6.9183, -21.0769

Sweetspot

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



178.8580, 18.8040, -11.2765



241.4000, 6.7048, -3.8588



200.2690, 1.8394, -30.0539



120.0150, 3.9366, -2.6442



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.



178.8580, 18.8040, -11.2765



201.4860, 26.3824, -15.3352



175.7010, 20.3604, 2.8932



101.4280, 4.2260, -2.1294



43.7890, 63.7010, -38.4030



11.7010, 16.9094, -10.2618

Inverse Universe

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



182.6170, -2.2762, 30.1539



207.0530, -3.4771, 42.0495



207.2990, -20.3604, -2.8932



102.5170, -0.7479, 6.5626



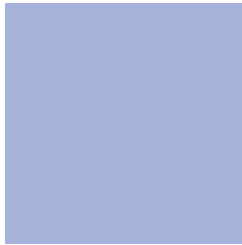
56.4010, -7.5927, 102.2573



15.0080, -1.9759, 27.1800

Previews

White Background



This preview shows how the YUV color 178.8580, 18.8040, -11.2765 looks on a white background.

Color Contrast Check

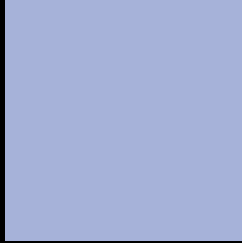
Large Text (above 18pt) WCAG AA × Fail

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 178.8580, 18.8040, -11.2765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

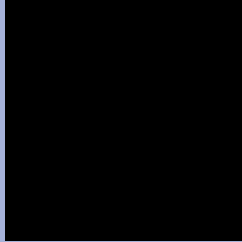
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.8580, 18.8040, -11.2765

Background



This preview shows how black text looks on a background with the YUV color 178.8580, 18.8040, -11.2765.



This preview shows how white text looks on a background with the YUV color 178.8580, 18.8040, -11.2765.

-11.2765.

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

178.8580, 18.8040, -11.2765

Protanopia

179.3530, 18.0670, -8.2026

Deuteranopia

180.2010, 18.6349, -3.6843



Tritanopia

177.6160, 9.0633, -13.6952

Trichromacy



Original Color

178.8580, 18.8040, -11.2765

Protanomaly

179.0540, 18.2144, -8.8174

Deuteranomaly

179.5920, 18.9351, -6.6582

Tritanomaly

178.2400, 12.6997, -13.3655

Monochromacy



Original Color

178.8580, 18.8040, -11.2765

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.1010, 6.8522, -4.4736

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.8580, 18.8040, -11.2765 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(166, 178, 217)` looks like.

```
.text, #text, p{  
    color:rgb(166, 178, 217)  
}
```

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(166, 178, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 178, 217) }
```

Border

The CSS property to change the border of an element to YUV 178.8580, 18.8040, -11.2765 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

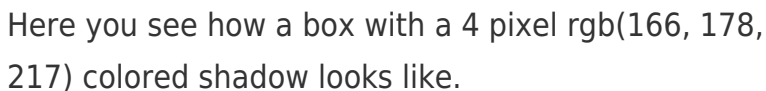
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 178, 217) }
```


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

```
.border{ border-color:rgb(166, 178, 217) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 178, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 178, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 178, 217); box-shadow:4px 4px 4px 4px rgb(166, 178, 217) }
```

Background

The CSS property to change the background color of an element to YUV 178.8580, 18.8040, -11.2765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 178, 217) }
```

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

```
.background{ background-color: rgb(166,  
178, 217) }
```

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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