

Converting Colors

YUV(181.4570, 33.7917,
-11.8018)

Have a look what the booklet for
YUV(181.4570, 33.7917, -11.8018)
contains.

YUV(181.4570, 33.7917, -11.8018)	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(181.4570, 33.7917,
-11.8018)**

Conversions

Conversions Part 1

Format	Color
Hex	A8AFFA
RGB	168, 175, 250
RGB Percent	66%, 69%, 98%
CMY	0.3412, 0.3137, 0.0196
CMYK	0.33, 0.30, 0.00, 0.02
HSL	235°, 89%, 82%
HSV	235°, 33%, 98%
XYZ	48.7337, 45.8869, 96.7310
YIQ	181.4570, -28.2470, 21.8410

Conversions

Conversions Part 2

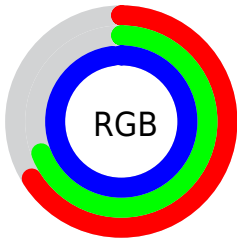
Format	Color
R _Y B	168, 174, 250
Decimal	11055098
CIE Lab	73.47, 14.54, -38.00
CIE LCh	73, 40.687, 290.931
Yxy	45.8869, 0.2547, 0.2398
Android (android.graphics.Color)	4289245178 (0xFFA8AFFA)
YUV	181.4570, 33.7917, -11.8018
Hunter-Lab	67.7399, 9.8725, -37.2469

Details

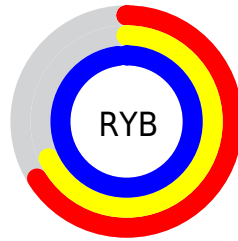
The YUV color **181.4570, 33.7917, -11.8018** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **236.5430, -33.7917, 11.8018**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.3550, 11.6570, -5.5733**, and **127.9900, 32.0499, -13.1462** is the 20% darker color. If you saturate the color by 10%, you get **160.4810, 44.1329, -15.3308**, and if you desaturate by 10%, it is **202.4330, 23.4505, -8.2727**.

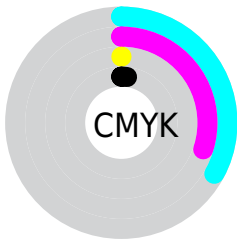
Distribution



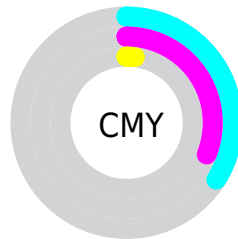
- Red (66%)
- Green (69%)
- Blue (98%)



- Red (66%)
- Yellow (68%)
- Blue (98%)



- Cyan (33%)
- Magenta (30%)
- Yellow (0%)
- Black (2%)



- Cyan (34%)
- Magenta (31%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.4570, 33.7917, -11.8018 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 181.4570, 33.7917, -11.8018 by changing the saturation by 10% instead.

■ 181.4570, 33.7917,
-11.8018

■ 181.4570, 33.7917,
-11.8018

255.0000, 0.0000,
0.0000

■ 153.9300, 33.0655,
-12.2166

■ 231.3550, 11.6570,
-5.5733

■ 127.9900, 32.0499,
-13.1462

254.7010, 0.1474,
-0.6148

■ 102.4630, 31.3237,
-13.5611

■ 77.2240, 30.4556,
-15.1054

■ 52.6750, 29.7402,
-19.0090

■ 28.2290, 29.4671,
-24.7568

■ 12.1060, 26.0767,

-10.6170

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 181.4570, 33.7917,
-11.8018

■ 181.4570, 33.7917,
-11.8018

■ 160.4810, 44.1329,
-15.3308

■ 202.4330, 23.4505,
-8.2727

■ 139.5050, 54.4740,
-18.8599

■ 223.4090, 13.1094,
-4.7437

■ 118.5290, 64.8152,
-22.3889

■ 244.3850, 2.7682,
-1.2146

■ 98.1400, 74.8670,
-26.4328

■ 254.4300, -2.1840,
0.4999

■ 77.1640, 85.2081,
-29.9618

■ 56.1880, 95.5493,
-33.4909

■ 40.8270, 103.1223,
-35.8053

Harmonies

Analogous

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



170.4080, 41.2109, -58.2398



181.4570, 33.7917, -11.8018



185.0830, 21.1581, 27.1142

Triad

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



181.4570, 33.7917, -11.8018



181.0010, -28.1015, 53.4961



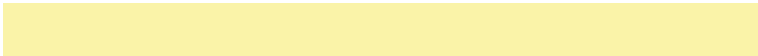
161.8530, 2.5375, -67.4001

Complementary

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



181.4570, 33.7917, -11.8018



236.5430, -33.7917, 11.8018

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.



169.8780, -18.6739, -30.5880



181.4570, 33.7917, -11.8018



178.5070, -35.7460, 32.0044

Square

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



181.4570, 33.7917, -11.8018



182.6550, -13.1409, 61.6926



174.8300, -32.4542, 2.7801



144.4720, 30.3333, -116.1779

Rectangle

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



181.4570, 33.7917, -11.8018



185.0440, 10.3313, 46.4424



174.8300, -32.4542, 2.7801



165.2800, -5.0680, -54.6196

Sweetspot

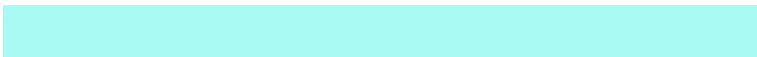
The Sweet Spot groups the original color and five complimentary colors.



181.4570, 33.7917, -11.8018



234.0240, 10.3412, -3.5290



224.5700, 8.5930, -49.6119



114.9980, 6.4100, -2.6292



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.



181.4570, 33.7917, -11.8018



171.9820, 40.9279, -14.0162



187.2150, 30.9530, 12.0894



114.6560, 5.0996, -2.3293



30.9380, 77.9246, -27.1326



9.8890, 25.1977, -8.6727

Inverse Universe

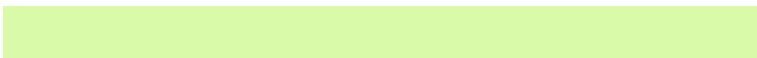
The Inverse Universe completely reimagines the original color for something new.



193.3160, -9.0298, 49.7119



186.5130, -11.0989, 60.0631



230.7850, -30.9530, -12.0894



116.1150, -1.0427, 7.7921



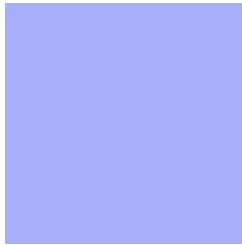
58.3350, -20.8712, 114.5932



18.8090, -6.8078, 37.0015

Previews

White Background



This preview shows how the YUV color 181.4570, 33.7917, -11.8018 looks on a white background.

Color Contrast Check

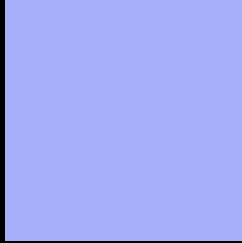
Large Text (above 18pt) WCAG AA × Fail

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 181.4570, 33.7917, -11.8018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

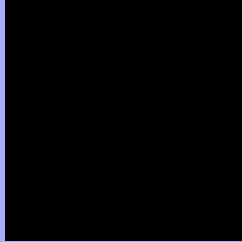
Any Text WCAG AA ✓ Pass

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 181.4570, 33.7917, -11.8018 Background



This preview shows how black text looks on a background with the YUV color 181.4570, 33.7917, -11.8018.



This preview shows how white text looks on a background with the YUV color 181.4570, 33.7917, -11.8018.

-11.8018.

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

181.4570, 33.7917, -11.8018

Protanopia

180.1570, 35.4186, -20.3087

Deuteranopia

180.1140, 33.9608, -19.3940



Tritanopia

178.2240, 10.2426, -18.6134

Trichromacy



Original Color

181.4570, 33.7917, -11.8018

Protanomaly

180.6520, 34.6816, -17.2348

Deuteranomaly

180.7230, 33.6606, -16.4201

Tritanomaly

179.2380, 19.1097, -15.9947

Monochromacy



Original Color

181.4570, 33.7917, -11.8018

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.1810, 12.2358, -4.5437

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.4570, 33.7917, -11.8018 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(168, 175, 250)` looks like.

```
.text, #text, p{  
    color:rgb(168, 175, 250)  
}
```

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(168, 175, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 175, 250) }
```

Border

The CSS property to change the border of an element to YUV 181.4570, 33.7917, -11.8018 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(168, 175, 250) }
```


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

```
.border{ border-color:rgb(168, 175, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 175, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 175, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 175, 250);  
box-shadow:4px 4px 4px 4px rgb(168, 175,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 181.4570, 33.7917, -11.8018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 175, 250) }
```

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

```
.background{ background-color: rgb(168,  
175, 250) }
```

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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