

Converting Colors

YUV(180.1320, 30.0079,
-11.5168)

Have a look what the booklet for
YUV(180.1320, 30.0079, -11.5168)
contains.

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Color

**YUV(180.1320, 30.0079,
-11.5168)**

Conversions

Conversions Part 1

Format	Color
Hex	A7AFF1
RGB	167, 175, 241
RGB Percent	65%, 69%, 95%
CMY	0.3451, 0.3137, 0.0549
CMYK	0.31, 0.27, 0.00, 0.05
HSL	234°, 73%, 80%
HSV	234°, 31%, 95%
XYZ	47.1435, 45.2263, 89.4639
YIQ	180.1320, -25.9540, 18.8300

Conversions

Conversions Part 2

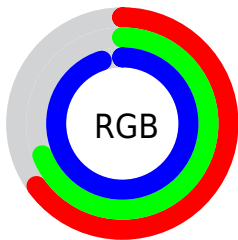
Format	Color
R_{YB}	167, 174, 241
Decimal	10989553
CIE _{Lab}	73.04, 11.99, -33.81
CIE _{LCh}	73, 35.870, 289.534
Yxy	45.2263, 0.2593, 0.2487
Android (android.graphics.Color)	4289179633 (0xFFA7AFF1)
YUV	180.1320, 30.0079, -11.5168
Hunter-Lab	67.2505, 7.4425, -31.7986

Details

The YUV color $180.1320, 30.0079, -11.5168$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $227.8680, -30.0079, 11.5168$, and the grayscale version is $180.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $231.0560, 11.8044, -6.1881$, and $127.0780, 28.5555, -12.3464$ is the 20% darker color. If you saturate the color by 10%, you get $160.6290, 39.6229, -15.4606$, and if you desaturate by 10%, it is $199.6350, 20.3929, -7.5729$.

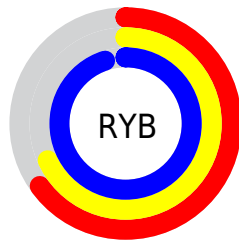
Distribution



Red (65%)

Green (69%)

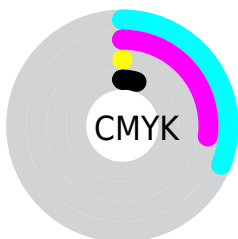
Blue (95%)



Red (65%)

Yellow (68%)

Blue (95%)

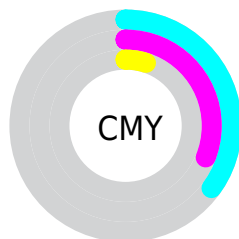


Cyan (31%)

Magenta (27%)

Yellow (0%)

Black (5%)



Cyan (35%)

Magenta (31%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.1320, 30.0079, -11.5168 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 180.1320, 30.0079, -11.5168 by changing the saturation by 10% instead.

■ 180.1320, 30.0079,
-11.5168

■ 180.1320, 30.0079,
-11.5168

255.0000, 0.0000,
0.0000

■ 152.9040, 29.1343,
-11.3168

■ 231.0560, 11.8044,
-6.1881

■ 127.0780, 28.5555,
-12.3464

254.4020, 0.2948,
-1.2296

■ 101.5510, 27.8294,
-12.7612

■ 76.6110, 26.8138,
-13.6908

■ 52.4750, 26.3878,
-17.0796

■ 27.4310, 26.4095,
-24.0570

■ 10.7210, 23.3085,

-9.4023

■ 5.2780, 15.1459,
-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 180.1320, 30.0079,
-11.5168

■ 180.1320, 30.0079,
-11.5168

■ 160.6290, 39.6229,
-15.4606

■ 199.6350, 20.3929,
-7.5729

■ 140.5390, 49.5273,
-18.8897

■ 219.7250, 10.4886,
-4.1438

■ 121.0360, 59.1423,
-22.8336

■ 239.2280, 0.8736,
-0.2000

■ 100.9460, 69.0466,
-26.2626

■ 253.4040, -6.1152,
1.3997

■ 81.1440, 78.8090,
-30.8213

■ 61.0540, 88.7134,
-34.2504

■ 42.7360, 97.7442,
-37.4795

Harmonies

Analogous

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



171.2690, 35.3634, -49.3479



180.1320, 30.0079, -11.5168



183.7790, 18.8430, 22.9958

Triad

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



180.1320, 30.0079, -11.5168



180.2930, -24.3014, 47.9780



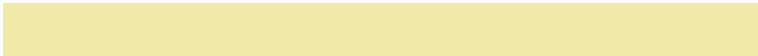
164.4740, 0.7523, -54.7897

Complementary

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



180.1320, 30.0079, -11.5168



227.8680, -30.0079, 11.5168

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.



170.6660, -17.0903, -25.1401



180.1320, 30.0079, -11.5168



178.0490, -31.0832, 29.7750

Square

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



180.1320, 30.0079, -11.5168



182.0670, -11.3720, 54.3152



175.1660, -28.6758, 4.2394



157.8740, 20.7681, -81.4505

Rectangle

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



180.1320, 30.0079, -11.5168



183.7720, 9.4794, 39.6650



175.1660, -28.6758, 4.2394



166.5200, -5.6794, -45.1830

Sweetspot

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



180.1320, 30.0079, -11.5168



236.3830, 9.1782, -3.8439



217.8480, 6.9769, -44.5937



115.8840, 5.9732, -2.5293



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.



180.1320, 30.0079, -11.5168



177.5860, 38.1651, -14.5459



183.8080, 28.1957, 9.8154



109.9550, 4.9522, -1.7145



32.7160, 74.5830, -28.6919



9.9060, 22.7243, -8.6876

Inverse Universe

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



190.0380, -7.4137, 44.6937



190.2460, -9.4883, 56.7893



224.1920, -28.1957, -9.8154



111.7020, -1.3321, 7.2773



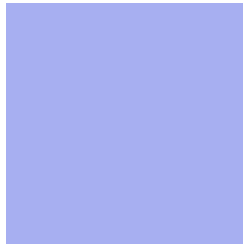
57.2960, -18.3869, 111.1194



17.4280, -5.6340, 33.8276

Previews

White Background



This preview shows how the YUV color 180.1320, 30.0079, -11.5168 looks on a white background.

Color Contrast Check

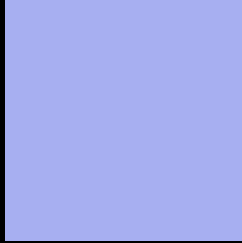
Large Text (above 18pt) WCAG AA × Fail

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 180.1320, 30.0079, -11.5168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

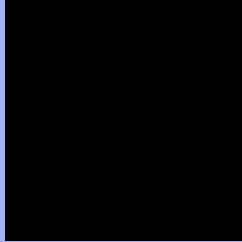
Any Text WCAG AA ✓ Pass

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 180.1320, 30.0079, -11.5168 Background



This preview shows how black text looks on a background with the YUV color 180.1320, 30.0079, -11.5168.



This preview shows how white text looks on a background with the YUV color 180.1320, 30.0079, -11.5168.

-11.5168.

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

180.1320, 30.0079, -11.5168

Protanopia

179.3270, 30.8978, -16.9498

Deuteranopia

179.2240, 30.4556, -15.1054



Tritanopia

177.2350, 10.2371, -16.8691

Trichromacy



Original Color

180.1320, 30.0079, -11.5168

Protanomaly

179.6370, 30.7450, -14.5906

Deuteranomaly

179.8220, 30.1608, -13.8759

Tritanomaly

178.1950, 17.6519, -15.0800

Monochromacy



Original Color

180.1320, 30.0079, -11.5168

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

179.8390, 10.9254, -4.2438

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.1320, 30.0079, -11.5168 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, 175, 241)` looks like.

```
.text, #text, p{  
    color:rgb(167, 175, 241)  
}
```

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, 175, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 175, 241) }
```

Border

The CSS property to change the border of an element to YUV 180.1320, 30.0079, -11.5168 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, 175, 241) }
```


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

```
.border{ border-color:rgb(167, 175, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 175, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 175, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 175, 241);  
box-shadow:4px 4px 4px 4px rgb(167, 175,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 180.1320, 30.0079, -11.5168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 175, 241) }
```

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

```
.background{ background-color: rgb(167,  
175, 241) }
```

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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