

Converting Colors

YUV(178.5120, 33.7646,
-3.0800)

Have a look what the booklet for
YUV(178.5120, 33.7646, -3.0800)
contains.

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Color

**YUV(178.5120, 33.7646,
-3.0800)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA7F7
RGB	175, 167, 247
RGB Percent	69%, 65%, 97%
CMY	0.3137, 0.3451, 0.0314
CMYK	0.29, 0.32, 0.00, 0.03
HSL	246°, 83%, 81%
HSV	246°, 32%, 97%
XYZ	48.2864, 43.4668, 93.8406
YIQ	178.5120, -20.9120, 26.5760

Conversions

Conversions Part 2

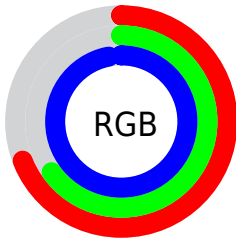
Format	Color
RYB	175, 167, 247
Decimal	11511799
CIELab	71.87, 20.21, -38.83
CIELCh	72, 43.773, 297.496
Yxy	43.4668, 0.2602, 0.2342
Android (android.graphics.Color)	4289701879 (0xFFAFA7F7)
YUV	178.5120, 33.7646, -3.0800
Hunter-Lab	65.9294, 15.3564, -38.2400

Details

The YUV color $178.5120, 33.7646, -3.0800$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $235.4880, -33.7646, 3.0800$, and the grayscale version is $178.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $228.7520, 12.9403, 2.8485$, and $125.0450, 32.0228, -4.4245$ is the 20% darker color. If you saturate the color by 10%, you get $157.2590, 44.2423, -3.7351$, and if you desaturate by 10%, it is $199.7650, 23.2869, -2.4249$.

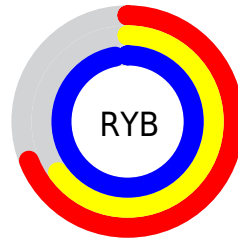
Distribution



Red (69%)

Green (65%)

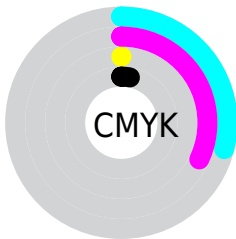
Blue (97%)



Red (69%)

Yellow (65%)

Blue (97%)

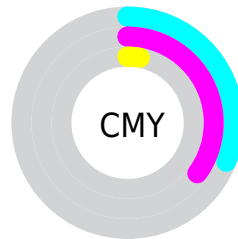


Cyan (29%)

Magenta (32%)

Yellow (0%)

Black (3%)



Cyan (31%)

Magenta (35%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.5120, 33.7646, -3.0800 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 178.5120, 33.7646, -3.0800 by changing the saturation by 10% instead.

■ 178.5120, 33.7646,
-3.0800

■ 178.5120, 33.7646,
-3.0800

■ 255.0000, 0.0000,
0.0000

■ 151.5720, 32.7490,
-4.0096

■ 228.7520, 12.9403,
2.8485

■ 125.0450, 32.0228,
-4.4245

■ 252.6520, 1.1576,
2.0592

■ 100.1050, 31.0072,
-5.3541

■ 75.1650, 29.9917,
-6.2837

■ 51.3280, 29.4183,
-9.0577

■ 26.2840, 29.4400,
-16.0351

■ 7.0680, 27.0815,

-6.1986

■ 6.2070, 16.1669,
-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 178.5120, 33.7646,
-3.0800

■ 178.5120, 33.7646,
-3.0800

■ 157.2590, 44.2423,
-3.7351

■ 199.7650, 23.2869,
-2.4249

■ 136.5930, 54.4307,
-4.9051

■ 220.4310, 13.0985,
-1.2550

■ 115.0410, 65.0558,
-6.1750

■ 241.9830, 2.4734,
0.0149

■ 93.7880, 75.5335,
-6.8301

■ 254.0880, -3.4944,
0.7998

■ 73.1220, 85.7219,
-8.0000

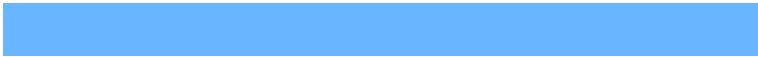
■ 51.8690, 96.1996,
-8.6551

■ 35.6330, 104.2039,
-9.3251

Harmonies

Analogous

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



167.0110, 43.3786, -53.5066



178.5120, 33.7646, -3.0800



181.5680, 18.9470, 36.3359

Triad

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



178.5120, 33.7646, -3.0800



175.5510, -32.3166, 52.1368



149.7840, 10.4595, -88.3876

Complementary

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



178.5120, 33.7646, -3.0800



235.4880, -33.7646, 3.0800

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.



163.0230, -15.2943, -41.2392



178.5120, 33.7646, -3.0800



173.3770, -38.6399, 26.8564

Square

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



178.5120, 33.7646, -3.0800



177.7110, -18.0985, 65.1515



169.3730, -32.7219, -4.7121



139.2200, 35.8805, -122.0959

Rectangle

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



178.5120, 33.7646, -3.0800



180.5890, 7.1046, 54.7344



169.3730, -32.7219, -4.7121



155.6740, 0.6537, -69.8741

Sweetspot

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



178.5120, 33.7646, -3.0800



233.4480, 10.6251, -1.2699



218.3840, 14.1077, -45.0638



114.4220, 6.6940, -0.3701



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.



178.5120, 33.7646, -3.0800



169.9770, 41.9163, -4.3648



190.4720, 27.8683, 21.5111



111.6670, 5.0942, -0.5850



26.8850, 78.4437, -6.9151



8.5200, 24.8866, -2.2100

Inverse Universe

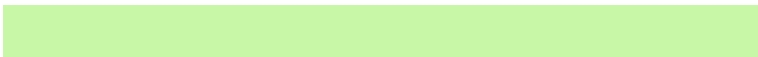
The Inverse Universe completely reimagines the original color for something new.



199.1280, 19.6569, 41.9837



195.7470, 24.2817, 51.9649



223.5280, -27.8683, -21.5111



114.8420, 3.0359, 6.2776



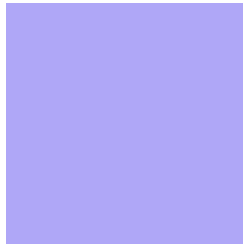
74.7660, 45.9644, 97.5522



23.6830, 14.4533, 30.9730

Previews

White Background



This preview shows how the YUV color 178.5120, 33.7646, -3.0800 looks on a white background.

Color Contrast Check

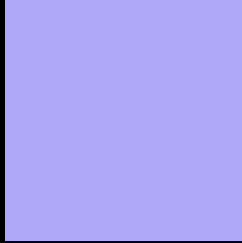
Large Text (above 18pt) WCAG AA × Fail

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 178.5120, 33.7646, -3.0800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

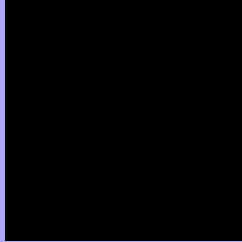
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.5120, 33.7646, -3.0800

Background



This preview shows how black text looks on a background with the YUV color 178.5120, 33.7646, -3.0800.



This preview shows how white text looks on a background with the YUV color 178.5120, 33.7646, -3.0800.

-3.0800.

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

178.5120, 33.7646, -3.0800

Protanopia

175.4280, 37.7500, -21.4234

Deuteranopia

175.6300, 34.6924, -20.7235



Tritanopia

175.4100, 8.1789, -10.0066

Trichromacy



Original Color

178.5120, 33.7646, -3.0800

Protanomaly

176.7170, 36.1285, -14.6608

Deuteranomaly

176.2610, 34.3813, -14.2609

Tritanomaly

176.5380, 17.4828, -7.4878

Monochromacy



Original Color

178.5120, 33.7646, -3.0800

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.2030, 12.2249, -1.0550

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.5120, 33.7646, -3.0800 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(175, 167, 247)` looks like.

```
.text, #text, p{  
    color:rgb(175, 167, 247)  
}
```

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(175, 167, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 167, 247) }
```

Border

The CSS property to change the border of an element to YUV 178.5120, 33.7646, -3.0800 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(175, 167, 247) }
```


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

```
.border{ border-color:rgb(175, 167, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 167, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 167, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 167, 247);  
box-shadow:4px 4px 4px 4px rgb(175, 167,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 178.5120, 33.7646, -3.0800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 167, 247) }
```

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

```
.background{ background-color: rgb(175,  
167, 247) }
```

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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