

Converting Colors

YUV(180.3870, 33.3332,
-4.7244)

Have a look what the booklet for
YUV(180.3870, 33.3332, -4.7244)
contains.

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Color

**YUV(180.3870, 33.3332,
-4.7244)**

Conversions

Conversions Part 1

Format	Color
Hex	AFAAF8
RGB	175, 170, 248
RGB Percent	69%, 67%, 97%
CMY	0.3137, 0.3333, 0.0275
CMYK	0.29, 0.31, 0.00, 0.03
HSL	244°, 85%, 82%
HSV	244°, 31%, 97%
XYZ	48.9972, 44.6407, 94.8410
YIQ	180.3870, -22.0580, 25.3180

Conversions

Conversions Part 2

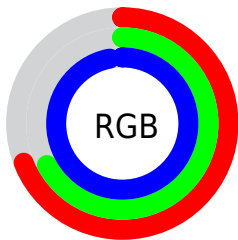
Format	Color
R_{YB}	175, 170, 248
Decimal	11512568
CIE _{Lab}	72.65, 18.78, -38.15
CIE _{LCh}	73, 42.522, 296.207
Yxy	44.6407, 0.2600, 0.2368
Android (android.graphics.Color)	4289702648 (0xFFAFAAF8)
YUV	180.3870, 33.3332, -4.7244
Hunter-Lab	66.8137, 13.9773, -37.3916

Details

The YUV color **180.3870, 33.3332, -4.7244** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **237.6130, -33.3332, 4.7244**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.5130, 12.0721, 1.3041**, and **126.9200, 31.5914, -6.0688** is the 20% darker color. If you saturate the color by 10%, you get **158.8350, 43.9583, -5.9943**, and if you desaturate by 10%, it is **201.9390, 22.7081, -3.4545**.

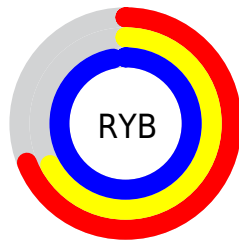
Distribution



Red (69%)

Green (67%)

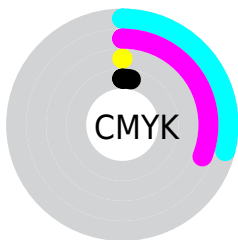
Blue (97%)



Red (69%)

Yellow (67%)

Blue (97%)

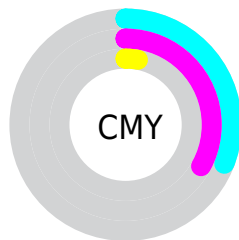


Cyan (29%)

Magenta (31%)

Yellow (0%)

Black (3%)



Cyan (31%)

Magenta (33%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.3870, 33.3332, -4.7244 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 180.3870, 33.3332, -4.7244 by changing the saturation by 10% instead.

180.3870, 33.3332,
-4.7244

180.3870, 33.3332,
-4.7244

255.0000, 0.0000,
0.0000

153.4470, 32.3176,
-5.6540

230.5130, 12.0721,
1.3041

126.9200, 31.5914,
-6.0688

254.4130, 0.2894,
0.5148

101.3930, 30.8653,
-6.4837

77.0400, 29.5603,
-7.9281

52.6160, 29.2763,
-10.1872

27.8600, 29.1560,
-18.2942

7.7690, 27.2289,

-6.8134

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 180.3870, 33.3332,
-4.7244

■ 180.3870, 33.3332,
-4.7244

■ 158.8350, 43.9583,
-5.9943

■ 201.9390, 22.7081,
-3.4545

■ 137.2830, 54.5835,
-7.2642

■ 223.4910, 12.0829,
-2.1846

■ 116.0190, 65.0666,
-9.6637

■ 244.7550, 1.5998,
0.2149

■ 94.4670, 75.6918,
-10.9336

■ 254.2020, -3.0576,
0.6998

■ 72.9150, 86.3169,
-12.2035

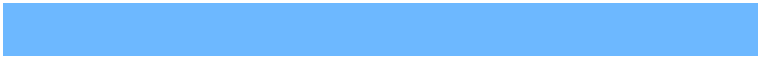
■ 51.3630, 96.9420,
-13.4734

■ 33.0560, 105.9674,
-14.9581

Harmonies

Analogous

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



169.6690, 42.0682, -53.2067



180.3870, 33.3332, -4.7244



183.2580, 19.0998, 33.9767

Triad

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



180.3870, 33.3332, -4.7244



178.4800, -31.2956, 51.3220



154.9700, 8.3958, -79.7807

Complementary

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



180.3870, 33.3332, -4.7244



237.6130, -33.3332, 4.7244

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.



165.6320, -15.5946, -38.2653



180.3870, 33.3332, -4.7244



175.7300, -37.3349, 28.3008

Square

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



180.3870, 33.3332, -4.7244



180.3410, -16.9301, 63.7219



171.6120, -31.8537, -3.1677



140.2800, 34.8650, -123.0256

Rectangle

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



180.3870, 33.3332, -4.7244



182.3930, 7.6943, 52.2753



171.6120, -31.8537, -3.1677



159.9520, -0.9623, -64.8559

Sweetspot

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



180.3870, 33.3332, -4.7244



235.2200, 9.7515, -1.0699



222.3300, 12.6553, -45.8934



115.0090, 6.4046, -0.8849



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.



180.3870, 33.3332, -4.7244



170.8520, 41.4850, -6.0092



191.7490, 27.7317, 18.6371



113.7810, 5.5310, -0.6849



25.1340, 80.7859, -11.5185



8.1500, 26.0551, -3.6396

Inverse Universe

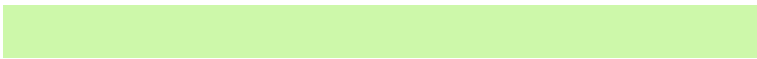
The Inverse Universe completely reimagines the original color for something new.



201.6440, 20.3885, 40.6542



197.3770, 25.4501, 50.5354



226.2510, -27.7317, -18.6371



117.2550, 3.3253, 6.7924



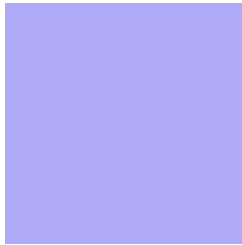
76.6890, 49.4533, 98.4967



24.7370, 15.9057, 31.8027

Previews

White Background



This preview shows how the YUV color 180.3870, 33.3332, -4.7244 looks on a white background.

Color Contrast Check

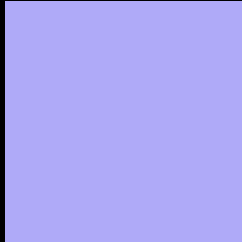
Large Text (above 18pt) WCAG AA × Fail

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 180.3870, 33.3332, -4.7244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

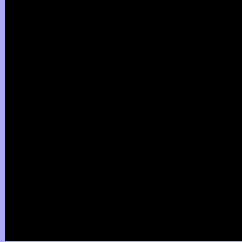
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.3870, 33.3332, -4.7244

Background



This preview shows how black text looks on a background with the YUV color 180.3870, 33.3332, -4.7244.



This preview shows how white text looks on a background with the YUV color 180.3870, 33.3332, -4.7244.

-4.7244.

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

180.3870, 33.3332, -4.7244

Protanopia

178.0860, 36.4396, -21.1234

Deuteranopia

178.1140, 33.9608, -19.3940



Tritanopia

176.9260, 8.9105, -11.3361

Trichromacy



Original Color

180.3870, 33.3332, -4.7244

Protanomaly

179.1900, 35.4023, -15.0756

Deuteranomaly

179.0330, 33.5077, -14.0609

Tritanomaly

177.9400, 17.7776, -8.7174

Monochromacy



Original Color

180.3870, 33.3332, -4.7244

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

179.9040, 12.3723, -1.6698

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.3870, 33.3332, -4.7244 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, 170, 248)` looks like.

```
.text, #text, p{  
    color:rgb(175, 170, 248)  
}
```

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, 170, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 170, 248) }
```

Border

The CSS property to change the border of an element to YUV 180.3870, 33.3332, -4.7244 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, 170, 248) }
```


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

```
.border{ border-color:rgb(175, 170, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 170, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 170, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 170, 248);  
box-shadow:4px 4px 4px 4px rgb(175, 170,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 180.3870, 33.3332, -4.7244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 170, 248) }
```

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

```
.background{ background-color: rgb(175,  
170, 248) }
```

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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