

Converting Colors

YUV(180.6800, 32.2028,
-15.5054)

Have a look what the booklet for
YUV(180.6800, 32.2028, -15.5054)
contains.

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Color

**YUV(180.6800, 32.2028,
-15.5054)**

Conversions

Conversions Part 1

Format	Color
Hex	A3B1F6
RGB	163, 177, 246
RGB Percent	64%, 69%, 96%
CMY	0.3608, 0.3059, 0.0353
CMYK	0.34, 0.28, 0.00, 0.04
HSL	230°, 82%, 80%
HSV	230°, 34%, 96%
XYZ	47.4610, 45.8846, 93.5439
YIQ	180.6800, -30.4930, 18.4910

Conversions

Conversions Part 2

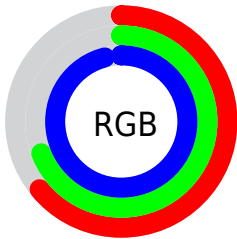
Format	Color
R _Y B	163, 175, 246
Decimal	10727926
CIE Lab	73.47, 11.03, -35.87
CIE LCh	73, 37.526, 287.088
Yxy	45.8846, 0.2540, 0.2455
Android (android.graphics.Color)	4288918006 (0xFFA3B1F6)
YUV	180.6800, 32.2028, -15.5054
Hunter-Lab	67.7382, 6.5247, -34.4606

Details

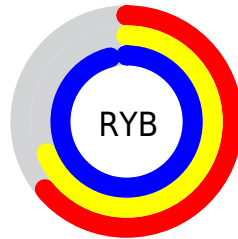
The YUV color **180.6800, 32.2028, -15.5054** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **228.3200, -32.2028, 15.5054**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.6210, 11.5258, -10.1916**, and **127.2130, 30.4610, -16.8498** is the 20% darker color. If you saturate the color by 10%, you get **161.4650, 41.6758, -20.5788**, and if you desaturate by 10%, it is **199.8950, 22.7298, -10.4319**.

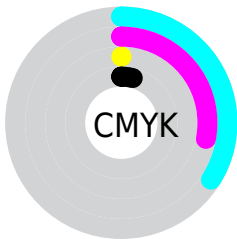
Distribution



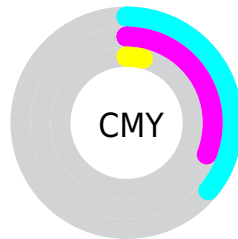
- Red (64%)
- Green (69%)
- Blue (96%)



- Red (64%)
- Yellow (69%)
- Blue (96%)



- Cyan (34%)
- Magenta (28%)
- Yellow (0%)
- Black (4%)



- Cyan (36%)
- Magenta (31%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.6800, 32.2028, -15.5054 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 180.6800, 32.2028, -15.5054 by changing the saturation by 10% instead.

■ 180.6800, 32.2028,
-15.5054

■ 180.6800, 32.2028,
-15.5054

255.0000, 0.0000,
0.0000

■ 153.1530, 31.4766,
-15.9202

■ 231.6210, 11.5258,
-10.1916

■ 127.2130, 30.4610,
-16.8498

■ 253.2060, 0.8844,
-3.6887

■ 101.6860, 29.7348,
-17.2646

■ 76.5610, 29.3034,
-18.9090

■ 51.7130, 28.7355,
-23.4273

■ 29.0610, 27.5779,
-25.4865

■ 12.9380, 24.1876,

-11.3466

■ 6.2070, 16.1669,
-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 180.6800, 32.2028,
-15.5054

■ 180.6800, 32.2028,
-15.5054

■ 161.4650, 41.6758,
-20.5788

■ 199.8950, 22.7298,
-10.4319

■ 141.9620, 51.2907,
-24.5227

■ 219.3980, 13.1148,
-6.4880

■ 122.7470, 60.7637,
-29.5961

■ 238.6130, 3.6418,
-1.4146

■ 103.2440, 70.3787,
-33.5400

■ 253.9740, -3.9312,
0.8998

■ 84.0290, 79.8517,
-38.6134

■ 64.2270, 89.6141,
-43.1721

■ 52.1110, 95.5873,
-45.7013

Harmonies

Analogous

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



170.5070, 37.7110, -55.6956



180.6800, 32.2028, -15.5054



185.3380, 21.0324, 20.7516

Triad

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



180.6800, 32.2028, -15.5054



181.9020, -24.6017, 50.9519



165.4200, -0.7001, -55.6193

Complementary

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



180.6800, 32.2028, -15.5054



228.3200, -32.2028, 15.5054

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.



171.6940, -19.5691, -23.4106



180.6800, 32.2028, -15.5054



179.4300, -32.2570, 32.9489

Square

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



180.6800, 32.2028, -15.5054



183.6050, -10.6513, 56.4744



176.6070, -30.8653, 6.4837



156.8410, 20.7844, -86.6836

Rectangle

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



180.6800, 32.2028, -15.5054



185.5270, 11.0792, 39.8798



176.6070, -30.8653, 6.4837



167.7650, -7.2791, -45.3979

Sweetspot

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



180.6800, 32.2028, -15.5054



235.1980, 9.7624, -4.5586



219.4730, 5.6828, -49.5268



115.5850, 6.1206, -3.1440



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.



180.6800, 32.2028, -15.5054



174.6070, 39.6337, -18.9493



180.2360, 32.4217, 7.6860



112.5420, 4.6628, -2.2293



39.4010, 72.2733, -34.5547



12.5960, 22.8772, -11.0467

Inverse Universe

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



189.4130, -6.1196, 49.6268



185.4360, -7.6099, 61.0076



228.7640, -32.4217, -7.6860



113.8160, -0.8953, 7.1774



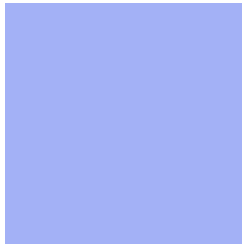
59.1480, -13.8770, 111.2492



18.7810, -4.3290, 35.2721

Previews

White Background



This preview shows how the YUV color 180.6800, 32.2028, -15.5054 looks on a white background.

Color Contrast Check

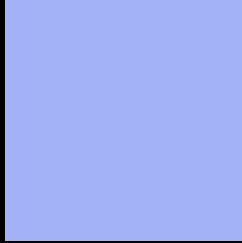
Large Text (above 18pt) WCAG AA × Fail

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 180.6800, 32.2028, -15.5054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

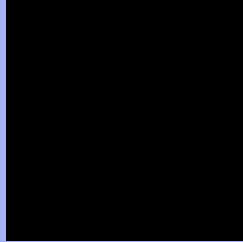
Any Text WCAG AA ✓ Pass

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 180.6800, 32.2028, -15.5054 Background



This preview shows how black text looks on a background with the YUV color 180.6800, 32.2028, -15.5054.



This preview shows how white text looks on a background with the YUV color 180.6800, 32.2028, -15.5054.

-15.5054.

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

180.6800, 32.2028, -15.5054

Protanopia

180.4840, 32.7924, -17.9645

Deuteranopia

180.3700, 32.3556, -17.8645



Tritanopia

177.7290, 10.9796, -21.6873

Trichromacy



Original Color

180.6800, 32.2028, -15.5054

Protanomaly

180.7830, 32.6450, -17.3497

Deuteranomaly

180.6690, 32.2082, -17.2497

Tritanomaly

179.1020, 18.6837, -19.3835

Monochromacy



Original Color

180.6800, 32.2028, -15.5054

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.0560, 11.8044, -6.1881

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.6800, 32.2028, -15.5054 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(163, 177, 246)` looks like.

```
.text, #text, p{  
    color:rgb(163, 177, 246)  
}
```

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(163, 177, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 177, 246) }
```

Border

The CSS property to change the border of an element to YUV 180.6800, 32.2028, -15.5054 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(163, 177, 246) }
```


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

```
.border{ border-color:rgb(163, 177, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 177, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 177, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 177, 246);  
box-shadow:4px 4px 4px 4px rgb(163, 177,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 180.6800, 32.2028, -15.5054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 177, 246) }
```

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

```
.background{ background-color: rgb(163,  
177, 246) }
```

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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