

# Converting Colors

YUV(180.8580, 32.1150,  
-34.0785)

Have a look what the booklet for  
YUV(180.8580, 32.1150, -34.0785)  
contains.

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# Color

**YUV(180.8580, 32.1150,  
-34.0785)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EBCF6
RGB	142, 188, 246
RGB Percent	56%, 74%, 96%
CMY	0.4431, 0.2627, 0.0353
CMYK	0.42, 0.24, 0.00, 0.04
HSL	213°, 85%, 76%
HSV	213°, 42%, 96%
XYZ	45.7731, 48.3710, 94.1128
YIQ	180.8580, -46.0340, 8.2860

# Conversions

## Conversions Part 2

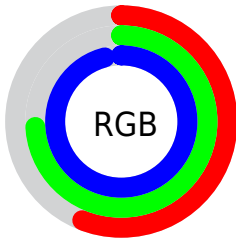
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	142, 174, 246
Decimal	9354486
CIE Lab	75.06, -0.58, -33.52
CIE LCh	75, 33.521, 269.015
Yxy	48.3710, 0.2431, 0.2569
Android (android.graphics.Color)	4287544566 (0xFF8EBCF6)
YUV	180.8580, 32.1150, -34.0785
Hunter-Lab	69.5493, -4.2335, -31.5456

# Details

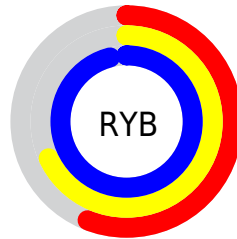
The YUV color **180.8580, 32.1150, -34.0785** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **207.1420, -32.1150, 34.0785**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.7990, 11.4381, -28.7647**, and **126.5050, 30.8100, -35.5229** is the 20% darker color. If you saturate the color by 10%, you get **165.1650, 39.8517, -42.2407**, and if you desaturate by 10%, it is **196.5510, 24.3784, -25.9162**.

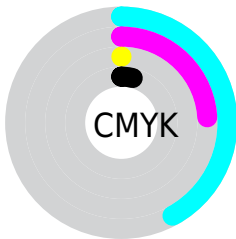
# Distribution



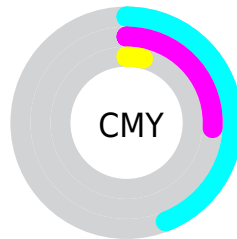
- Red (56%)
- Green (74%)
- Blue (96%)



- Red (56%)
- Yellow (68%)
- Blue (96%)



- Cyan (42%)
- Magenta (24%)
- Yellow (0%)
- Black (4%)



- Cyan (44%)
- Magenta (26%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 180.8580, 32.1150, -34.0785 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 180.8580, 32.1150, -34.0785 by changing the saturation by 10% instead.



■ 180.8580, 32.1150,  
-34.0785

■ 180.8580, 32.1150,  
-34.0785

255.0000, 0.0000,  
0.0000

■ 153.3310, 31.3888,  
-34.4933

■ 231.7990, 11.4381,  
-28.7647

■ 126.5050, 30.8100,  
-35.5229

■ 246.9270, 3.9800,  
-16.5990

■ 100.0810, 30.5261,  
-37.7820

■ 72.2650, 31.4214,  
-44.9594

■ 49.5210, 29.8161,  
-43.4299

■ 33.8710, 25.6996,  
-29.7049

■ 19.3950, 21.0043,

-17.0094

■ 6.3210, 16.6037,  
-5.5435

■ 2.5250, 7.1362,  
-2.2144

■ 180.8580, 32.1150,  
-34.0785

■ 180.8580, 32.1150,  
-34.0785

■ 165.1650, 39.8517,  
-42.2407

■ 196.5510, 24.3784,  
-25.9162

■ 150.3580, 47.1515,  
-50.3030

■ 211.3580, 17.0785,  
-17.8540

■ 134.6650, 54.8882,  
-58.4652

■ 227.0510, 9.3419,  
-9.6917

■ 119.2710, 62.4774,  
-66.0127

■ 242.4450, 1.7526,  
-2.1443

■ 103.5780, 70.2140,  
-74.1749

■ 253.9740, -3.9312,  
0.8998

■ 92.0270, 75.9087,  
-80.7077

# Harmonies

## Analogous

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



171.6710, 32.2072, -63.7325



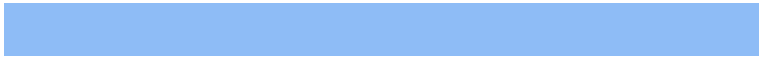
180.8580, 32.1150, -34.0785



187.3570, 25.4600, 0.5639

# Triad

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



180.8580, 32.1150, -34.0785



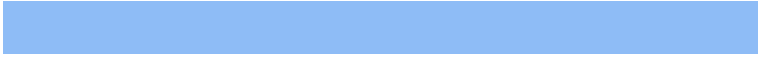
187.3070, -15.4344, 50.5968



175.7020, -11.6851, -32.1877

# Complementary

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



180.8580, 32.1150, -34.0785



207.1420, -32.1150, 34.0785

# 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.



179.8490, -24.5756, -4.2526



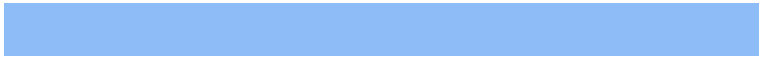
180.8580, 32.1150, -34.0785



185.4940, -25.8795, 40.7858

# Square

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



180.8580, 32.1150, -34.0785



189.0690, -1.0200, 47.2975



182.7490, -29.4563, 21.2681

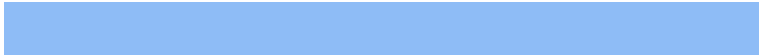


170.2330, 6.2941, -58.9633



# Rectangle

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



180.8580, 32.1150, -34.0785



189.2410, 18.1222, 20.8366



182.7490, -29.4563, 21.2681



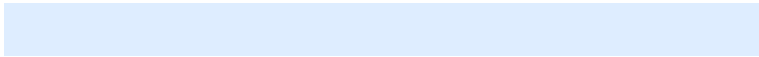
177.0900, -16.8064, -22.8809

# Sweetspot

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



180.8580, 32.1150, -34.0785



234.5670, 10.0735, -11.0213



209.5460, -5.1992, -59.2378



114.6770, 6.5682, -6.7327



0.0000, 0.0000, 0.0000

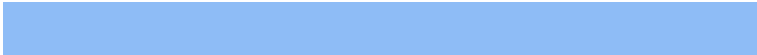


128.0000, 0.0000, 0.0000

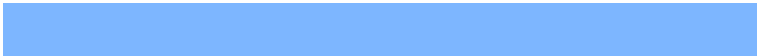


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



180.8580, 32.1150, -34.0785



173.2790, 40.2885, -42.3407



155.3510, 44.6900, -7.3238



114.8900, 3.5052, -4.2885



69.3380, 57.5144, -60.8094



21.9880, 18.2469, -19.2835



# Inverse Universe

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



178.3400, 4.7624, 59.3378



170.3680, 5.7346, 74.2223



232.6490, -44.6900, 7.3238



114.2720, 0.8519, 6.7775



64.9620, 8.3997, 106.1503

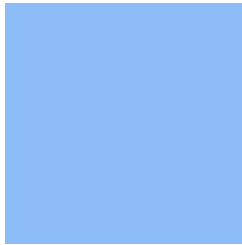


20.6050, 2.6597, 33.6724



# Previews

## White Background



This preview shows how the YUV color 180.8580, 32.1150, -34.0785 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

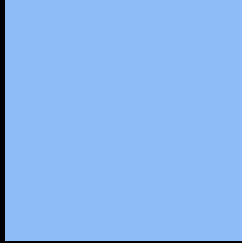
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 180.8580, 32.1150, -34.0785 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

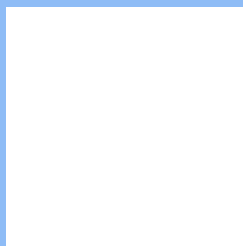
Any Text WCAG AAA ✓ Pass

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

# YUV 180.8580, 32.1150, -34.0785 Background



This preview shows how black text looks on a background with the YUV color 180.8580, 32.1150, -34.0785.



This preview shows how white text looks on a background with the YUV color 180.8580, 32.1150,

-34.0785.

# 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

180.8580, 32.1150, -34.0785

### Protanopia

184.6540, 28.2716, -14.6056

### Deuteranopia

184.9250, 30.6030, -15.7202



## Tritanopia

177.8730, 15.8386, -40.2306

# Trichromacy



## Original Color

180.8580, 32.1150, -34.0785

## Protanomaly

183.2510, 29.4563, -21.2681

## Deuteranomaly

183.4080, 31.3509, -22.2828

## Tritanomaly

178.7900, 21.7955, -37.5268

# Monochromacy



## Original Color

180.8580, 32.1150, -34.0785

## Achromatopsia

181.0000, 0.0000, 0.0000

## Achromatomaly

181.3110, 11.6787, -12.5507

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 180.8580, 32.1150, -34.0785 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(142, 188, 246)` looks like.

```
.text, #text, p{  
    color:rgb(142, 188, 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(142, 188, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 188, 246) }
```

## Border

The CSS property to change the border of an element to YUV 180.8580, 32.1150, -34.0785 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(142, 188, 246) }
```



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

```
.border{ border-color:rgb(142, 188, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 188, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 188, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 188, 246);  
box-shadow:4px 4px 4px 4px rgb(142, 188,  
246) }
```

# Background

The CSS property to change the background color of an element to YUV 180.8580, 32.1150, -34.0785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 188, 246) }
```

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

```
.background{ background-color: rgb(142,  
188, 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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