

# Converting Colors

YUV(183.3530, 31.3780,  
-31.0046)

Have a look what the booklet for  
YUV(183.3530, 31.3780, -31.0046)  
contains.

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# Color

**YUV(183.3530, 31.3780,  
-31.0046)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	94BDF7
RGB	148, 189, 247
RGB Percent	58%, 74%, 97%
CMY	0.4196, 0.2588, 0.0314
CMYK	0.40, 0.23, 0.00, 0.03
HSL	215°, 86%, 77%
HSV	215°, 40%, 97%
XYZ	47.1988, 49.4065, 95.0444
YIQ	183.3530, -43.0540, 9.3460

# Conversions

## Conversions Part 2

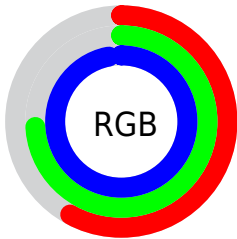
Format	Color
R <sub>Y</sub> B	148, 177, 247
Decimal	9747959
CIE Lab	75.70, 0.67, -33.03
CIE LCh	76, 33.038, 271.163
Yxy	49.4065, 0.2463, 0.2578
Android (android.graphics.Color)	4287938039 (0xFF94BDF7)
YUV	183.3530, 31.3780, -31.0046
Hunter-Lab	70.2898, -3.1462, -30.9680

# Details

The YUV color **183.3530, 31.3780, -31.0046** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **211.6470, -31.3780, 31.0046**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.1800, 10.2643, -25.5909**, and **129.2990, 29.9256, -31.8342** is the 20% darker color. If you saturate the color by 10%, you get **167.6600, 39.1146, -39.1668**, and if you desaturate by 10%, it is **199.0460, 23.6413, -22.8423**.

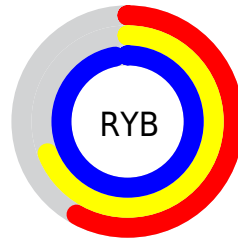
# Distribution



Red (58%)

Green (74%)

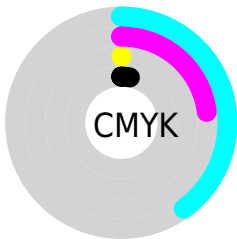
Blue (97%)



Red (58%)

Yellow (69%)

Blue (97%)

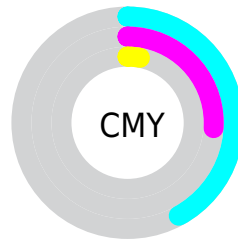


Cyan (40%)

Magenta (23%)

Yellow (0%)

Black (3%)



Cyan (42%)

Magenta (26%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 183.3530, 31.3780, -31.0046 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 183.3530, 31.3780, -31.0046 by changing the saturation by 10% instead.



■ 183.3530, 31.3780,  
-31.0046

■ 183.3530, 31.3780,  
-31.0046

255.0000, 0.0000,  
0.0000

■ 155.8260, 30.6518,  
-31.4194

■ 234.1800, 10.2643,  
-25.5909

■ 129.2990, 29.9256,  
-31.8342

■ 248.7210, 3.0955,  
-12.9103

■ 102.8750, 29.6416,  
-34.0934

■ 75.9670, 30.0893,  
-37.6821

■ 49.6350, 30.2529,  
-43.5299

■ 34.4580, 25.4102,  
-30.2197

■ 20.0960, 21.1517,

-17.6242

■ 6.3210, 16.6037,  
-5.5435

■ 2.6390, 7.5730,  
-2.3144

■ 183.3530, 31.3780,  
-31.0046

■ 183.3530, 31.3780,  
-31.0046

■ 167.6600, 39.1146,  
-39.1668

■ 199.0460, 23.6413,  
-22.8423

■ 151.6790, 46.9933,  
-46.1995

■ 215.0270, 15.7627,  
-15.8097

■ 135.9860, 54.7299,  
-54.3617

■ 230.7200, 8.0260,  
-7.6474

■ 119.7060, 62.7559,  
-62.0092

■ 247.0000, 0.0000,  
0.0000

■ 104.3120, 70.3452,  
-69.5566

■ 254.0880, -3.4944,  
0.7998

■ 88.0320, 78.3712,  
-77.2041

# Harmonies

## Analogous

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



174.8670, 31.6176, -61.2734



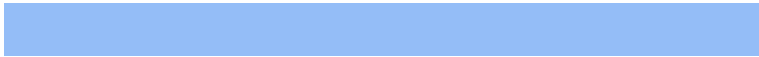
183.3530, 31.3780, -31.0046



189.1400, 24.5810, 2.5082

# Triad

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



183.3530, 31.3780, -31.0046



188.7800, -16.1605, 50.1819



176.7450, -10.2273, -33.1024

# Complementary

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



183.3530, 31.3780, -31.0046



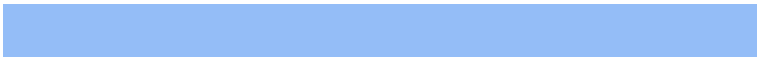
211.6470, -31.3780, 31.0046

# 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.



181.1800, -23.2597, -6.2969



183.3530, 31.3780, -31.0046



187.3690, -26.3109, 39.1414

# Square

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



183.3530, 31.3780, -31.0046



190.7270, -2.3304, 47.5974



184.7380, -29.4508, 19.5238



171.8740, 7.4571, -58.6485



# Rectangle

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



183.3530, 31.3780, -31.0046



190.9100, 16.8064, 22.8809



184.7380, -29.4508, 19.5238



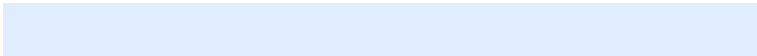
178.7200, -15.6380, -24.3104

# Sweetspot

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



183.3530, 31.3780, -31.0046



235.1650, 9.7787, -9.7917



212.7250, -3.3154, -56.7638



116.1610, 5.8366, -5.4032



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.



183.3530, 31.3780, -31.0046



176.2580, 38.8198, -37.9373



161.6780, 42.0637, -4.9796



114.3030, 3.7946, -3.7737



66.4030, 58.9613, -58.2354



20.8140, 18.8257, -18.2539



# Inverse Universe

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



182.2750, 3.3154, 56.7638



175.1780, 3.8562, 70.0039



233.3220, -42.0637, 4.9796



114.1580, 0.4151, 6.8774



64.3920, 6.2157, 106.6502

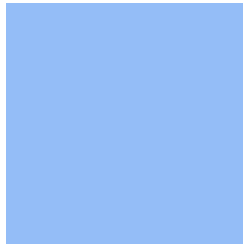


20.3770, 1.7861, 33.8724



# Previews

## White Background



This preview shows how the YUV color 183.3530, 31.3780, -31.0046 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

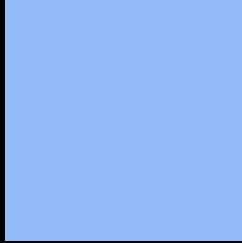
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 183.3530, 31.3780, -31.0046 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

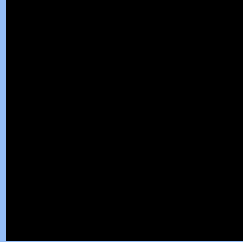
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

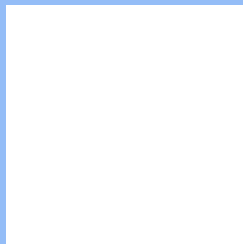
Any Text WCAG AAA ✓ Pass

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

# YUV 183.3530, 31.3780, -31.0046 Background



This preview shows how black text looks on a background with the YUV color 183.3530, 31.3780, -31.0046.



This preview shows how white text looks on a background with the YUV color 183.3530, 31.3780,

-31.0046.

# 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

183.3530, 31.3780, -31.0046

### Protanopia

186.5400, 27.8348, -14.5056

### Deuteranopia

186.5230, 30.3082, -14.4907



## Tritanopia

180.6670, 14.9542, -36.5420

# Trichromacy



## Original Color

183.3530, 31.3780, -31.0046

## Protanomaly

185.4360, 28.8721, -20.5534

## Deuteranomaly

185.3050, 30.9086, -20.4385

## Tritanomaly

181.2850, 21.0585, -34.4529

# Monochromacy



## Original Color

183.3530, 31.3780, -31.0046

## Achromatopsia

183.0000, 0.0000, 0.0000

## Achromatomaly

182.9090, 11.3839, -11.3212

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 183.3530, 31.3780, -31.0046 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(148, 189, 247)` looks like.

```
.text, #text, p{  
    color:rgb(148, 189, 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(148, 189, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 189, 247) }
```

## Border

The CSS property to change the border of an element to YUV 183.3530, 31.3780, -31.0046 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(148, 189, 247) }
```



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

```
.border{ border-color:rgb(148, 189, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 189, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 189, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 189, 247);  
box-shadow:4px 4px 4px 4px rgb(148, 189,  
247) }
```

# Background

The CSS property to change the background color of an element to YUV 183.3530, 31.3780, -31.0046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 189, 247) }
```

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

```
.background{ background-color: rgb(148,  
189, 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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