

# Converting Colors

YUV(184.0400, 29.5603,  
-7.9281)

Have a look what the booklet for  
YUV(184.0400, 29.5603, -7.9281)  
contains.

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# Color

**YUV(184.0400, 29.5603,  
-7.9281)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFB1F4
RGB	175, 177, 244
RGB Percent	69%, 69%, 96%
CMY	0.3137, 0.3059, 0.0431
CMYK	0.28, 0.27, 0.00, 0.04
HSL	238°, 76%, 82%
HSV	238°, 28%, 96%
XYZ	49.7305, 47.0899, 92.0561
YIQ	184.0400, -22.6990, 20.4130

# Conversions

## Conversions Part 2

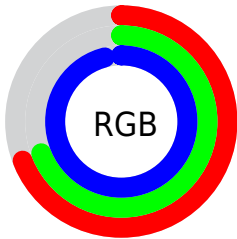
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	175, 177, 244
Decimal	11514356
CIE Lab	74.25, 13.90, -33.52
CIE LCh	74, 36.287, 292.530
Yxy	47.0899, 0.2633, 0.2493
Android (android.graphics.Color)	4289704436 (0xFFAFB1F4)
YUV	184.0400, 29.5603, -7.9281
Hunter-Lab	68.6221, 9.2704, -31.5017

# Details

The YUV color **184.0400, 29.5603, -7.9281** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **234.9600, -29.5603, 7.9281**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.2090, 9.7570, -2.8143**, and **130.9860, 28.1079, -8.7577** is the 20% darker color. If you saturate the color by 10%, you get **162.7760, 40.0434, -10.3276**, and if you desaturate by 10%, it is **205.3040, 19.0771, -5.5286**.

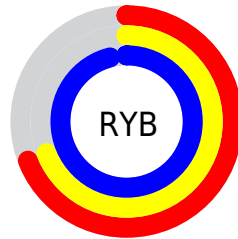
# Distribution



Red (69%)

Green (69%)

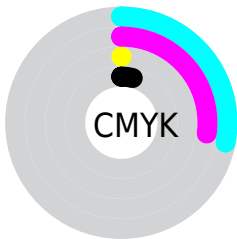
Blue (96%)



Red (69%)

Yellow (69%)

Blue (96%)

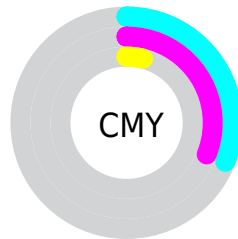


Cyan (28%)

Magenta (27%)

Yellow (0%)

Black (4%)



Cyan (31%)

Magenta (31%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 184.0400, 29.5603, -7.9281 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 184.0400, 29.5603, -7.9281 by changing the saturation by 10% instead.



■ 184.0400, 29.5603,  
-7.9281

■ 184.0400, 29.5603,  
-7.9281

255.0000, 0.0000,  
0.0000

■ 156.8120, 28.6867,  
-7.7281

■ 235.2090, 9.7570,  
-2.8143

■ 130.9860, 28.1079,  
-8.7577

■ 105.3450, 26.9449,  
-9.0726

■ 80.5190, 26.3661,  
-10.1022

■ 56.2800, 25.4980,  
-11.6466

■ 32.2470, 25.5142,  
-16.8796

■ 12.7100, 23.3140,

-11.1467

■ 5.5060, 16.0195,  
-4.8288

■ 2.2970, 6.2626,  
-2.0145

■ 184.0400, 29.5603,  
-7.9281

■ 184.0400, 29.5603,  
-7.9281

■ 162.7760, 40.0434,  
-10.3276

■ 205.3040, 19.0771,  
-5.5286

■ 141.8000, 50.3846,  
-13.8566

■ 226.2800, 8.7360,  
-1.9996

■ 120.5360, 60.8678,  
-16.2561

■ 247.5440, -1.7472,  
0.3999

■ 98.9730, 71.4983,  
-19.2703

■ 253.7460, -4.8048,  
1.0998

■ 78.2960, 81.6921,  
-22.1846

■ 57.0320, 92.1752,  
-24.5841

■ 35.4690, 102.8058,  
-27.5983

■ 31.9250, 104.5530,  
-27.9982

# Harmonies

## Analogous

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



175.4050, 35.7893, -45.9592



184.0400, 29.5603, -7.9281



187.2740, 18.1059, 26.0697

# Triad

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



184.0400, 29.5603, -7.9281



183.2390, -25.7538, 47.1484



167.0220, 2.9472, -58.7783

# Complementary

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



184.0400, 29.5603, -7.9281



234.9600, -29.5603, 7.9281

# 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.



173.2850, -15.9165, -28.3139



184.0400, 29.5603, -7.9281



181.3970, -32.2407, 27.7158

# Square

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



184.0400, 29.5603, -7.9281



185.0240, -12.8298, 55.2300



177.5570, -28.3756, 1.2655



160.4330, 22.9575, -83.6947



# Rectangle

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



184.0400, 29.5603, -7.9281



187.6260, 7.5794, 42.4240



177.5570, -28.3756, 1.2655



169.2530, -4.0687, -48.4569

# Sweetspot

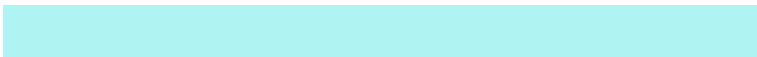
The Sweet Spot groups the original color and five complimentary colors.



184.0400, 29.5603, -7.9281



237.2800, 8.7360, -1.9996



223.1410, 9.2975, -42.2197



116.4820, 5.6784, -1.2997



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.



184.0400, 29.5603, -7.9281



179.6790, 37.1333, -10.2425



192.4340, 25.4220, 12.7744



111.9550, 4.9522, -1.7145



24.1390, 79.7975, -21.1699



7.9000, 25.1923, -6.9283



# Inverse Universe

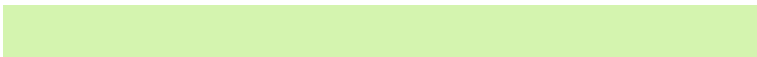
The Inverse Universe completely reimagines the original color for something new.



195.8590, -9.2975, 42.2197



194.3550, -11.5140, 53.1857



226.5660, -25.4220, -12.7744



113.7020, -1.3321, 7.2773



56.1840, -25.2337, 113.8486

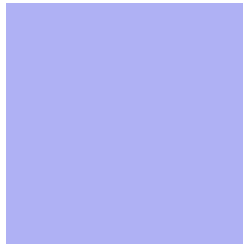


17.8690, -7.8234, 36.0719



# Previews

## White Background



This preview shows how the YUV color 184.0400, 29.5603, -7.9281 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

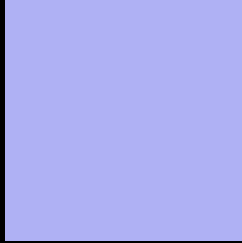
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 184.0400, 29.5603, -7.9281 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

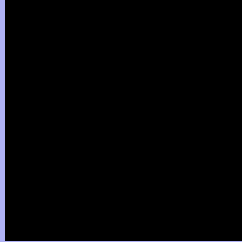
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 184.0400, 29.5603, -7.9281

## Background



This preview shows how black text looks on a background with the YUV color 184.0400, 29.5603, -7.9281.



This preview shows how white text looks on a background with the YUV color 184.0400, 29.5603, -7.9281.

-7.9281.

# 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

184.0400, 29.5603, -7.9281

### Protanopia

182.4410, 31.3346, -17.0498

### Deuteranopia

182.9960, 29.5820, -14.9055



## Tritanopia

181.0290, 9.3527, -13.1804

# Trichromacy



## Original Color

184.0400, 29.5603, -7.9281

## Protanomaly

182.9360, 30.5976, -13.9759

## Deuteranomaly

183.3060, 29.4291, -12.5464

## Tritanomaly

181.9890, 16.7674, -11.3914

# Monochromacy



## Original Color

184.0400, 29.5603, -7.9281

## Achromatopsia

184.0000, 0.0000, 0.0000

## Achromatomaly

183.8500, 10.9200, -2.4994

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 184.0400, 29.5603, -7.9281 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, 177, 244)` looks like.

```
.text, #text, p{  
    color:rgb(175, 177, 244)  
}
```

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, 177, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 177, 244) }
```

## Border

The CSS property to change the border of an element to YUV 184.0400, 29.5603, -7.9281 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, 177, 244) }
```



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

```
.border{ border-color:rgb(175, 177, 244) }
```

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

Here you see how a box with a 4 pixel rgb(175, 177, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 177, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 177, 244);  
box-shadow:4px 4px 4px 4px rgb(175, 177,  
244) }
```

# Background

The CSS property to change the background color of an element to YUV 184.0400, 29.5603, -7.9281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 177, 244) }
```

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

```
.background{ background-color: rgb(175,  
177, 244) }
```

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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