

# Converting Colors

YUV(186.2400, 32.9127,  
-9.8575)

Have a look what the booklet for  
YUV(186.2400, 32.9127, -9.8575)  
contains.

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# Color

**YUV(186.2400, 32.9127,  
-9.8575)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFB3FD
RGB	175, 179, 253
RGB Percent	69%, 70%, 99%
CMY	0.3137, 0.2980, 0.0078
CMYK	0.31, 0.29, 0.00, 0.01
HSL	237°, 95%, 84%
HSV	237°, 31%, 99%
XYZ	51.5289, 48.4460, 99.5637
YIQ	186.2400, -26.1380, 22.1660

# Conversions

## Conversions Part 2

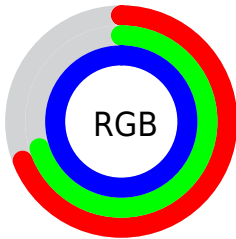
Format	Color
R <sub>Y</sub> B	175, 179, 253
Decimal	11514877
CIE Lab	75.11, 15.00, -37.04
CIE LCh	75, 39.968, 292.050
Yxy	48.4460, 0.2582, 0.2428
Android (android.graphics.Color)	4289704957 (0xFFAFB3FD)
YUV	186.2400, 32.9127, -9.8575
Hunter-Lab	69.6032, 10.3424, -36.0890

# Details

The YUV color  $186.2400, 32.9127, -9.8575$  is a light color, and the websafe version is hex  $9999CC$ . A complement of this color would be  $241.7600, -32.9127, 9.8575$ , and the grayscale version is  $186.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $236.3830, 9.1782, -3.8439$ , and  $132.1860, 31.4603, -10.6871$  is the 20% darker color. If you saturate the color by 10%, you get  $164.6770, 43.5432, -12.8717$ , and if you desaturate by 10%, it is  $207.8030, 22.2821, -6.8432$ .

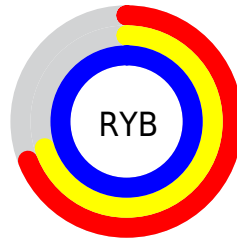
# Distribution



Red (69%)

Green (70%)

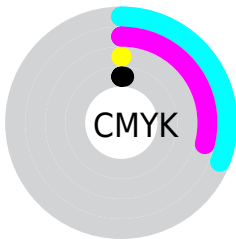
Blue (99%)



Red (69%)

Yellow (70%)

Blue (99%)

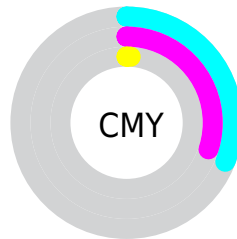


Cyan (31%)

Magenta (29%)

Yellow (0%)

Black (1%)



Cyan (31%)

Magenta (30%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 186.2400, 32.9127, -9.8575 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 186.2400, 32.9127, -9.8575 by changing the saturation by 10% instead.



■ 186.2400, 32.9127,  
-9.8575

■ 186.2400, 32.9127,  
-9.8575

255.0000, 0.0000,  
0.0000

■ 158.7130, 32.1865,  
-10.2723

■ 236.3830, 9.1782,  
-3.8439

■ 132.1860, 31.4603,  
-10.6871

■ 107.2460, 30.4447,  
-11.6167

■ 82.0070, 29.5765,  
-13.1611

■ 57.4690, 28.8558,  
-15.3203

■ 31.8270, 29.1723,  
-23.5273

■ 15.2690, 25.5034,

-13.3909

■ 6.7770, 18.3509,  
-5.9434

■ 3.2090, 9.7570,  
-2.8143

■ 186.2400, 32.9127,  
-9.8575

■ 186.2400, 32.9127,  
-9.8575

■ 164.6770, 43.5432,  
-12.8717

■ 207.8030, 22.2821,  
-6.8432

■ 142.8150, 54.3212,  
-16.5008

■ 229.6650, 11.5042,  
-3.2142

■ 121.2520, 64.9518,  
-19.5150

■ 251.2280, 0.8736,  
-0.2000

■ 99.6890, 75.5823,  
-22.5293

■ 254.7720, -0.8736,  
0.2000

■ 78.1260, 86.2129,  
-25.5435

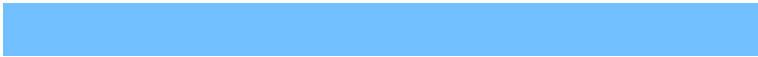
■ 56.2640, 96.9908,  
-29.1725

■ 36.4730, 106.7478,  
-31.9868

# Harmonies

## Analogous

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



175.8600, 39.0160, -54.2512



186.2400, 32.9127, -9.8575



190.1540, 20.1371, 27.9289

# Triad

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



186.2400, 32.9127, -9.8575



185.8760, -28.5329, 51.8517



166.6790, 3.1163, -66.3705

# Complementary

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



186.2400, 32.9127, -9.8575



241.7600, -32.9127, 9.8575

# 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.



174.6930, -18.0896, -31.3028



186.2400, 32.9127, -9.8575



183.0230, -35.0143, 30.6748

# Square

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



186.2400, 32.9127, -9.8575



187.1170, -13.8617, 59.5334



179.6450, -31.8700, 2.0653



154.5660, 27.8220, -103.9824



# Rectangle

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



186.2400, 32.9127, -9.8575



189.8160, 9.4577, 46.6424



179.6450, -31.8700, 2.0653



169.8070, -4.3419, -54.2047

# Sweetspot

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



186.2400, 32.9127, -9.8575



235.2090, 9.7570, -2.8143



229.1080, 9.3138, -47.4527



115.2970, 6.2626, -2.0145



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.



186.2400, 32.9127, -9.8575



174.0640, 39.9014, -11.4571



194.0580, 29.0584, 13.1041



116.4820, 5.6784, -1.2997



27.6440, 80.5345, -24.2438



9.0570, 27.0869, -7.9430



# Inverse Universe

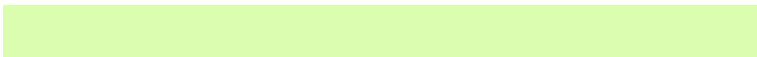
The Inverse Universe completely reimagines the original color for something new.



198.7780, -9.7506, 47.5527



189.5620, -12.1091, 57.3891



233.9420, -29.0584, -13.1041



118.8870, -1.9163, 7.9921



58.2490, -23.7868, 116.4226

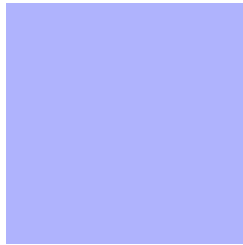


19.4780, -8.1237, 39.0458



# Previews

## White Background



This preview shows how the YUV color 186.2400, 32.9127, -9.8575 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

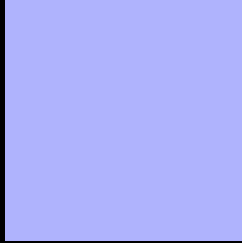
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 186.2400, 32.9127, -9.8575 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

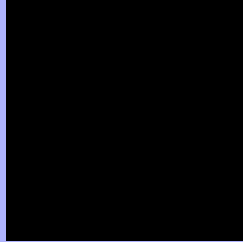
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 186.2400, 32.9127, -9.8575

## Background



This preview shows how black text looks on a background with the YUV color 186.2400, 32.9127, -9.8575.



This preview shows how white text looks on a background with the YUV color 186.2400, 32.9127, -9.8575.

-9.8575.

# 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

186.2400, 32.9127, -9.8575

### Protanopia

184.6410, 34.6870, -18.9792

### Deuteranopia

184.5980, 33.2292, -18.0644



## Tritanopia

182.8330, 9.9423, -15.6395

# Trichromacy



## Original Color

186.2400, 32.9127, -9.8575

## Protanomaly

185.1360, 33.9500, -15.9053

## Deuteranomaly

185.2070, 32.9289, -15.0905

## Tritanomaly

184.3200, 18.0832, -13.4356

# Monochromacy



## Original Color

186.2400, 32.9127, -9.8575

## Achromatopsia

186.0000, 0.0000, 0.0000

## Achromatomaly

185.7790, 11.9410, -3.3142

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 186.2400, 32.9127, -9.8575 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, 179, 253)` looks like.

```
.text, #text, p{  
    color:rgb(175, 179, 253)  
}
```

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, 179, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 179, 253) }
```

## Border

The CSS property to change the border of an element to YUV 186.2400, 32.9127, -9.8575 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, 179, 253) }
```



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

```
.border{ border-color:rgb(175, 179, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 179, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 179, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 179, 253);  
box-shadow:4px 4px 4px 4px rgb(175, 179,  
253) }
```

# Background

The CSS property to change the background color of an element to YUV 186.2400, 32.9127, -9.8575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 179, 253) }
```

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

```
.background{ background-color: rgb(175,  
179, 253) }
```

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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