

# Converting Colors

YUV(183.3720, 29.3966,  
-2.0802)

Have a look what the booklet for  
YUV(183.3720, 29.3966, -2.0802)  
contains.

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# Color

**YUV(183.3720, 29.3966,  
-2.0802)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5ADF3
RGB	181, 173, 243
RGB Percent	71%, 68%, 95%
CMY	0.2902, 0.3216, 0.0471
CMYK	0.26, 0.29, 0.00, 0.05
HSL	247°, 74%, 82%
HSV	247°, 29%, 95%
XYZ	50.1773, 46.1820, 91.0634
YIQ	183.3720, -17.7020, 23.4660

# Conversions

## Conversions Part 2

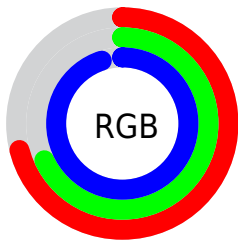
Format	Color
R <sub>YB</sub>	181, 173, 243
Decimal	11906547
CIE <sub>Lab</sub>	73.66, 17.62, -33.84
CIE <sub>LCh</sub>	74, 38.155, 297.509
Yxy	46.1820, 0.2677, 0.2464
Android (android.graphics.Color)	4290096627 (0xFFB5ADF3)
YUV	183.3720, 29.3966, -2.0802
Hunter-Lab	67.9573, 12.8728, -31.8790

# Details

The YUV color **183.3720, 29.3966, -2.0802** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **232.6280, -29.3966, 2.0802**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.0680, 10.3195, 3.4484**, and **130.3180, 27.9442, -2.9099** is the 20% darker color. If you saturate the color by 10%, you get **162.7060, 39.5849, -3.2502**, and if you desaturate by 10%, it is **204.0380, 19.2083, -0.9103**.

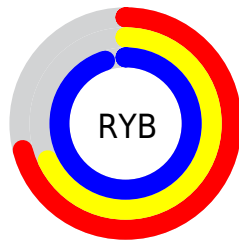
# Distribution



Red (71%)

Green (68%)

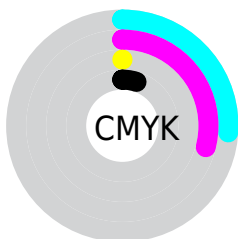
Blue (95%)



Red (71%)

Yellow (68%)

Blue (95%)

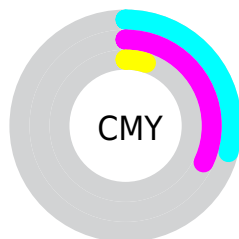


Cyan (26%)

Magenta (29%)

Yellow (0%)

Black (5%)



Cyan (29%)

Magenta (32%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 183.3720, 29.3966, -2.0802 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 183.3720, 29.3966, -2.0802 by changing the saturation by 10% instead.



■ 183.3720, 29.3966,  
-2.0802

■ 183.3720, 29.3966,  
-2.0802

255.0000, 0.0000,  
0.0000

■ 156.1440, 28.5230,  
-1.8803

■ 234.0680, 10.3195,  
3.4484

■ 130.3180, 27.9442,  
-2.9099

■ 104.3780, 26.9286,  
-3.8395

■ 79.8510, 26.2025,  
-4.2543

■ 56.4980, 24.8975,  
-5.6987

■ 33.3620, 24.4715,  
-9.0875

■ 9.6610, 24.3241,

-8.4727

■ 5.3920, 15.5827,  
-4.7288

■ 2.0690, 5.3890,  
-1.8145

■ 183.3720, 29.3966,  
-2.0802

■ 183.3720, 29.3966,  
-2.0802

■ 162.7060, 39.5849,  
-3.2502

■ 204.0380, 19.2083,  
-0.9103

■ 141.7520, 49.9153,  
-3.2905

■ 224.9920, 8.8779,  
-0.8700

■ 121.0860, 60.1036,  
-4.4604

■ 245.6580, -1.3104,  
0.2999

■ 100.7190, 70.1445,  
-5.0156

■ 253.6320, -5.2416,  
1.1997

■ 79.4660, 80.6223,  
-5.6707

■ 59.0990, 90.6632,  
-6.2258

■ 38.4330, 100.8515,  
-7.3957

■ 36.0740, 102.0145,  
-7.0809

# Harmonies

## Analogous

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



174.7690, 37.0889, -42.7704



183.3720, 29.3966, -2.0802



185.8510, 16.3425, 31.7027

# Triad

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



183.3720, 29.3966, -2.0802



181.4300, -28.8060, 46.1039



162.6940, 7.0529, -69.0146

# Complementary

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



183.3720, 29.3966, -2.0802



232.6280, -29.3966, 2.0802

# 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.



170.1100, -13.8582, -35.1765



183.3720, 29.3966, -2.0802



179.0330, -33.5403, 24.5271

# Square

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



183.3720, 29.3966, -2.0802



183.1230, -16.3296, 57.7741



175.5240, -28.3593, -3.9675



153.8380, 28.6739, -97.2049



# Rectangle

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



183.3720, 29.3966, -2.0802



185.7900, 5.5265, 47.5422



175.5240, -28.3593, -3.9675



165.5230, -0.2578, -57.4637

# Sweetspot

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



183.3720, 29.3966, -2.0802



235.5190, 9.6041, -0.4552



217.9610, 12.3442, -39.4308



115.3080, 6.2572, -0.2701



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.



183.3720, 29.3966, -2.0802



179.1360, 37.4010, -2.7503



193.5380, 24.3848, 18.8222



111.9660, 4.9468, 0.0298



27.4830, 78.1489, -5.6856



8.8190, 24.7392, -1.5953



# Inverse Universe

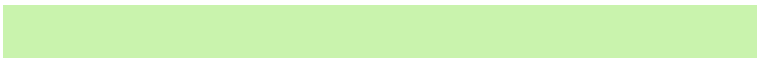
The Inverse Universe completely reimagines the original color for something new.



200.9980, 16.7630, 36.8358



201.6170, 21.3878, 46.8169



222.4620, -24.3848, -18.8222



114.8420, 3.0359, 6.2776



74.4240, 44.6540, 97.8522

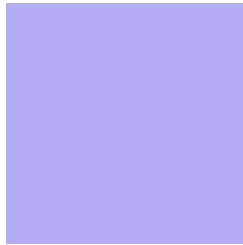


23.5690, 14.0165, 31.0730



# Previews

## White Background



This preview shows how the YUV color 183.3720, 29.3966, -2.0802 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

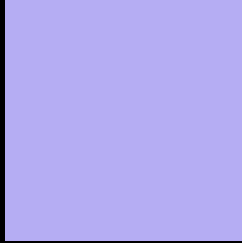
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 183.3720, 29.3966, -2.0802 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

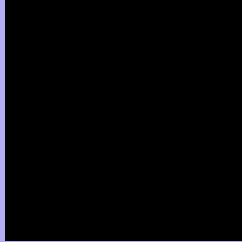
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 183.3720, 29.3966, -2.0802

## Background



This preview shows how black text looks on a background with the YUV color 183.3720, 29.3966, -2.0802.



This preview shows how white text looks on a background with the YUV color 183.3720, 29.3966, -2.0802.

-2.0802.

# 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

183.3720, 29.3966, -2.0802

### Protanopia

181.3700, 32.3556, -17.8645

### Deuteranopia

181.4090, 29.8714, -14.3907



## Tritanopia

180.6060, 7.5892, -7.5475

# Trichromacy



## Original Color

183.3720, 29.3966, -2.0802

## Protanomaly

182.1750, 31.4657, -12.4315

## Deuteranomaly

182.0290, 29.5657, -9.6724

## Tritanomaly

181.6800, 15.4408, -5.8584

# Monochromacy



## Original Color

183.3720, 29.3966, -2.0802

## Achromatopsia

183.0000, 0.0000, 0.0000

## Achromatomaly

182.8610, 10.9145, -0.7551

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 183.3720, 29.3966, -2.0802 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(181, 173, 243)` looks like.

```
.text, #text, p{  
    color:rgb(181, 173, 243)  
}
```

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(181, 173, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 173, 243) }
```

## Border

The CSS property to change the border of an element to YUV 183.3720, 29.3966, -2.0802 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(181, 173, 243) }
```



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

```
.border{ border-color:rgb(181, 173, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 173, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 173, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 173, 243);  
box-shadow:4px 4px 4px 4px rgb(181, 173,  
243) }
```

# Background

The CSS property to change the background color of an element to YUV 183.3720, 29.3966, -2.0802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 173, 243) }
```

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

```
.background{ background-color: rgb(181,  
173, 243) }
```

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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