

Converting Colors

YUV(191.3720, 29.3966,
-2.0802)

Have a look what the booklet for
YUV(191.3720, 29.3966, -2.0802)
contains.

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Color

**YUV(191.3720, 29.3966,
-2.0802)**

Conversions

Conversions Part 1

Format	Color
Hex	BDB5FB
RGB	189, 181, 251
RGB Percent	74%, 71%, 98%
CMY	0.2588, 0.2902, 0.0157
CMYK	0.25, 0.28, 0.00, 0.02
HSL	247°, 90%, 85%
HSV	247°, 28%, 98%
XYZ	54.9227, 50.8316, 98.1835
YIQ	191.3720, -17.7020, 23.4660

Conversions

Conversions Part 2

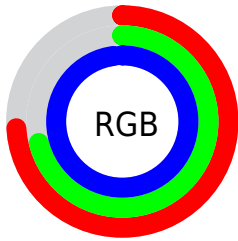
Format	Color
R_{YB}	189, 181, 251
Decimal	12432891
CIE _{Lab}	76.58, 17.42, -33.61
CIE _{LCh}	77, 37.854, 297.404
Yxy	50.8316, 0.2693, 0.2493
Android (android.graphics.Color)	4290622971 (0xFFBDB5FB)
YUV	191.3720, 29.3966, -2.0802
Hunter-Lab	71.2963, 12.7381, -31.7420

Details

The YUV color **191.3720, 29.3966, -2.0802** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **240.6280, -29.3966, 2.0802**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.7430, 6.5357, 3.7334**, and **137.3180, 27.9442, -2.9099** is the 20% darker color. If you saturate the color by 10%, you get **170.1190, 39.8743, -2.7354**, and if you desaturate by 10%, it is **212.6250, 18.9189, -1.4251**.

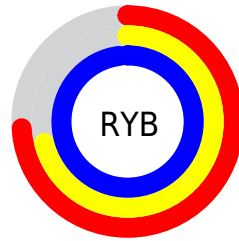
Distribution



Red (74%)

Green (71%)

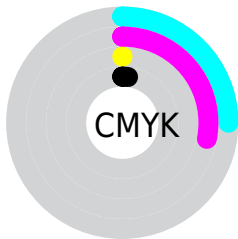
Blue (98%)



Red (74%)

Yellow (71%)

Blue (98%)

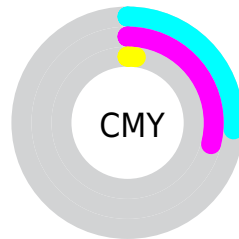


Cyan (25%)

Magenta (28%)

Yellow (0%)

Black (2%)



Cyan (26%)

Magenta (29%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.3720, 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 191.3720, 29.3966, -2.0802 by changing the saturation by 10% instead.

■ 191.3720, 29.3966,
-2.0802

■ 191.3720, 29.3966,
-2.0802

255.0000, 0.0000,
0.0000

■ 163.8450, 28.6704,
-2.4951

■ 241.7430, 6.5357,
3.7334

■ 137.3180, 27.9442,
-2.9099

■ 111.7910, 27.2180,
-3.3247

■ 86.8510, 26.2025,
-4.2543

■ 62.9110, 25.1869,
-5.1839

■ 40.0740, 24.6135,
-7.9579

■ 16.3290, 24.4878,

-14.3205

■ 5.4890, 18.4929,
-4.8139

■ 2.9810, 8.8834,
-2.6143

■ 191.3720, 29.3966,
-2.0802

■ 191.3720, 29.3966,
-2.0802

■ 170.1190, 39.8743,
-2.7354

■ 212.6250, 18.9189,
-1.4251

■ 148.8660, 50.3521,
-3.3905

■ 233.8780, 8.4411,
-0.7700

■ 127.3140, 60.9772,
-4.6604

■ 254.5440, -1.7472,
0.3999

■ 106.0610, 71.4549,
-5.3155

■ 84.8080, 81.9327,
-5.9706

■ 62.9680, 92.6998,
-6.1109

■ 41.4160, 103.3249,
-7.3808

■ 37.2850, 105.3615,
-7.2659

Harmonies

Analogous

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



182.7260, 35.6311, -41.8557



191.3720, 29.3966, -2.0802



193.8510, 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.



191.3720, 29.3966, -2.0802



189.7290, -28.9534, 46.7187



171.2920, 6.7580, -67.7851

Complementary

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



191.3720, 29.3966, -2.0802



240.6280, -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.



178.1100, -13.8582, -35.1765



191.3720, 29.3966, -2.0802



187.0330, -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.



191.3720, 29.3966, -2.0802



190.5250, -16.0348, 56.5446



183.5240, -28.3593, -3.9675



164.5290, 27.3472, -91.6719

Rectangle

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



191.3720, 29.3966, -2.0802



193.7900, 5.5265, 47.5422



183.5240, -28.3593, -3.9675



173.8220, -0.4052, -56.8489

Sweetspot

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



191.3720, 29.3966, -2.0802



237.8780, 8.4411, -0.7700



225.9610, 12.3442, -39.4308



116.7810, 5.5310, -0.6849



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.



191.3720, 29.3966, -2.0802



183.2670, 35.3644, -2.8652



201.5380, 24.3848, 18.8222



114.0800, 5.3836, -0.0702



28.1240, 79.3119, -5.3707



9.0470, 25.6128, -1.7952

Inverse Universe

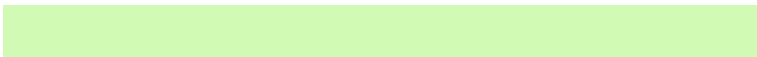
The Inverse Universe completely reimagines the original color for something new.



208.9980, 16.7630, 36.8358



204.5520, 19.9409, 44.2429



230.4620, -24.3848, -18.8222



117.2550, 3.3253, 6.7924



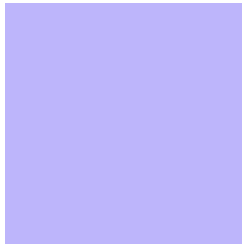
75.5490, 45.0853, 99.4965



24.3950, 14.5953, 32.1026

Previews

White Background



This preview shows how the YUV color 191.3720, 29.3966, -2.0802 looks on a white background.

Color Contrast Check

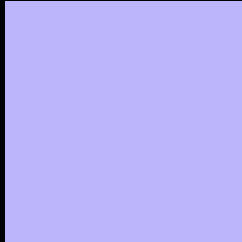
Large Text (above 18pt) WCAG AA × Fail

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 191.3720, 29.3966, -2.0802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

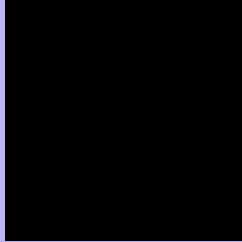
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.3720, 29.3966, -2.0802

Background



This preview shows how black text looks on a background with the YUV color 191.3720, 29.3966, -2.0802.



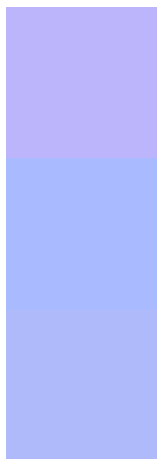
This preview shows how white text looks on a background with the YUV color 191.3720, 29.3966, -2.0802.

-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

191.3720, 29.3966, -2.0802

Protanopia

188.7830, 32.6450, -17.3497

Deuteranopia

189.7080, 29.7240, -13.7759



Tritanopia

188.7200, 8.0260, -7.6474

Trichromacy



Original Color

191.3720, 29.3966, -2.0802

Protanomaly

189.5880, 31.7551, -11.9167

Deuteranomaly

190.0290, 29.5657, -9.6724

Tritanomaly

189.7940, 15.8776, -5.9583

Monochromacy



Original Color

191.3720, 29.3966, -2.0802

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.8610, 10.9145, -0.7551

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.3720, 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(189, 181, 251)` looks like.

```
.text, #text, p{  
    color:rgb(189, 181, 251)  
}
```

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(189, 181, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 181, 251) }
```

Border

The CSS property to change the border of an element to YUV 191.3720, 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(189, 181, 251) }
```


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

```
.border{ border-color:rgb(189, 181, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 181, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 181, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 181, 251);  
box-shadow:4px 4px 4px 4px rgb(189, 181,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 191.3720, 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(189, 181, 251) }
```

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

```
.background{ background-color: rgb(189,  
181, 251) }
```

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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