

Converting Colors

YUV(191.3450, 30.3959, 4.0824)

Have a look what the booklet for
YUV(191.3450, 30.3959, 4.0824)
contains.

YUV(191.3450, 30.3959, 4.0824)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(191.3450, 30.3959,
4.0824)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B1FD
RGB	196, 177, 253
RGB Percent	77%, 69%, 99%
CMY	0.2314, 0.3059, 0.0078
CMYK	0.23, 0.30, 0.00, 0.01
HSL	255°, 95%, 84%
HSV	255°, 30%, 99%
XYZ	56.2167, 50.2719, 99.6690
YIQ	191.3450, -13.0720, 27.6640

Conversions

Conversions Part 2

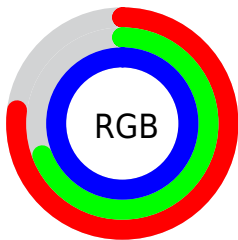
Format	Color
R _Y B	196, 177, 253
Decimal	12890621
CIE Lab	76.24, 22.14, -35.16
CIE LCh	76, 41.553, 302.193
Yxy	50.2719, 0.2727, 0.2439
Android (android.graphics.Color)	4291080701 (0xFFC4B1FD)
YUV	191.3450, 30.3959, 4.0824
Hunter-Lab	70.9027, 17.4479, -33.7130

Details

The YUV color **191.3450, 30.3959, 4.0824** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **238.6550, -30.3959, -4.0824**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.7870, 6.5140, 10.7108**, and **137.2910, 28.9435, 3.2528** is the 20% darker color. If you saturate the color by 10%, you get **170.9890, 40.4314, 5.2716**, and if you desaturate by 10%, it is **211.7010, 20.3604, 2.8932**.

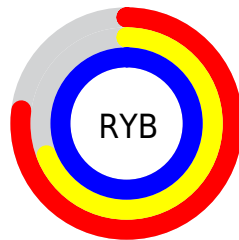
Distribution



Red (77%)

Green (69%)

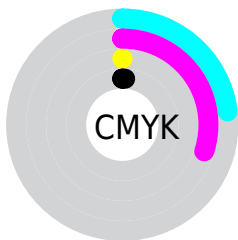
Blue (99%)



Red (77%)

Yellow (69%)

Blue (99%)

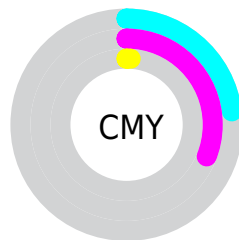


Cyan (23%)

Magenta (30%)

Yellow (0%)

Black (1%)



Cyan (23%)

Magenta (31%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.3450, 30.3959, 4.0824 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 191.3450, 30.3959, 4.0824 by changing the saturation by 10% instead.

■ 191.3450, 30.3959,
4.0824

■ 191.3450, 30.3959,
4.0824

255.0000, 0.0000,
0.0000

■ 163.8180, 29.6697,
3.6676

■ 241.7870, 6.5140,
10.7108

■ 137.2910, 28.9435,
3.2528

■ 111.4650, 28.3648,
2.2232

■ 86.8240, 27.2018,
1.9084

■ 62.5850, 26.3336,
0.3640

■ 39.9330, 25.1760,
-1.6952

■ 16.4980, 24.8975,

-5.6987

■ 5.0160, 19.2191,
-4.3990

■ 3.2090, 9.7570,
-2.8143

■ 191.3450, 30.3959,
4.0824

■ 191.3450, 30.3959,
4.0824

■ 170.9890, 40.4314,
5.2716

■ 211.7010, 20.3604,
2.8932

■ 150.0460, 50.7563,
6.9757

■ 232.6440, 10.0355,
1.1892

■ 129.6900, 60.7918,
8.1649

■ 253.0000, 0.0000,
0.0000

■ 109.3340, 70.8273,
9.3541

■ 254.7720, -0.8736,
0.2000

■ 88.3910, 81.1522,
11.0581

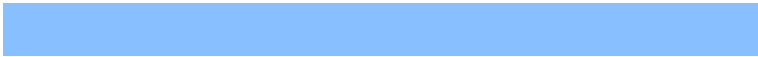
■ 68.0350, 91.1877,
12.2473

■ 47.6790, 101.2233,
13.4365

Harmonies

Analogous

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



181.8510, 36.0625, -40.2113



191.3450, 30.3959, 4.0824



193.2650, 15.1524, 40.1096

Triad

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



191.3450, 30.3959, 4.0824



187.7030, -32.8846, 47.6185



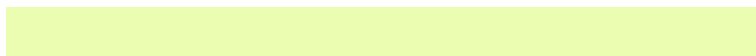
164.0880, 12.7746, -84.2692

Complementary

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



191.3450, 30.3959, 4.0824



238.6550, -30.3959, -4.0824

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.



174.6250, -11.6471, -44.3981



191.3450, 30.3959, 4.0824



185.0990, -37.0238, 21.8382

Square

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



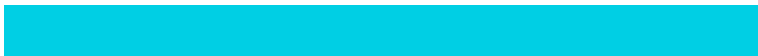
191.3450, 30.3959, 4.0824



188.3250, -19.3872, 58.4740



180.9640, -29.0693, -9.6154



147.5010, 39.6860, -129.3584

Rectangle

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



191.3450, 30.3959, 4.0824



192.3780, 3.7576, 54.9195



180.9640, -29.0693, -9.6154



168.4720, 3.7113, -70.5739

Sweetspot

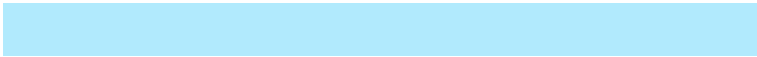
The Sweet Spot groups the original color and five complimentary colors.



191.3450, 30.3959, 4.0824



236.4160, 9.1619, 1.3892



219.1230, 16.7014, -36.9419



115.9060, 5.9623, 0.9594



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.



191.3450, 30.3959, 4.0824



180.3650, 36.7951, 4.9419



202.7070, 24.7944, 27.4440



117.3790, 5.2362, 0.5446



36.1260, 76.3529, 10.4135



12.0800, 25.5966, 3.4378

Inverse Universe

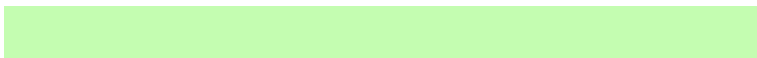
The Inverse Universe completely reimagines the original color for something new.



206.2220, 13.6946, 41.0243



198.3740, 16.5776, 49.6610



227.2930, -24.7944, -27.4440



119.9130, 2.0149, 7.0923



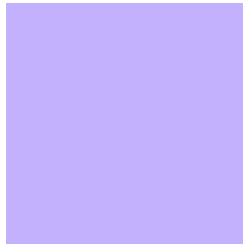
73.4110, 34.3074, 103.1256



24.6080, 11.5323, 34.5468

Previews

White Background



This preview shows how the YUV color 191.3450, 30.3959, 4.0824 looks on a white background.

Color Contrast Check

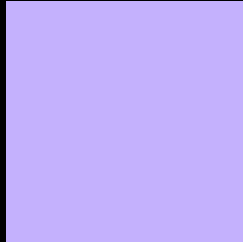
Large Text (above 18pt) WCAG AA × Fail

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 191.3450, 30.3959, 4.0824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

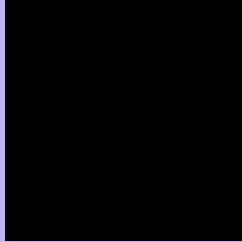
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.3450, 30.3959, 4.0824

Background



This preview shows how black text looks on a background with the YUV color 191.3450, 30.3959, 4.0824.

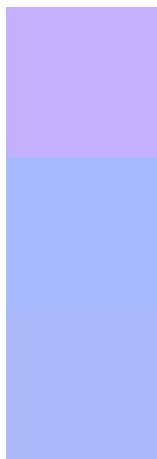


This preview shows how white text looks on a background with the YUV color 191.3450, 30.3959,

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

191.3450, 30.3959, 4.0824

Protanopia

188.4840, 32.7924, -17.9645

Deuteranopia

188.3380, 30.8924, -15.2054



Tritanopia

188.7100, 6.5520, -1.4997

Trichromacy



Original Color

191.3450, 30.3959, 4.0824

Protanomaly

189.5990, 31.7497, -10.1723

Deuteranomaly

189.3820, 30.8707, -8.2280

Tritanomaly

189.4250, 15.5665, 0.5043

Monochromacy



Original Color

191.3450, 30.3959, 4.0824

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

191.2850, 11.1985, 1.5041

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.3450, 30.3959, 4.0824 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(196, 177, 253)` looks like.

```
.text, #text, p{  
    color:rgb(196, 177, 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(196, 177, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 177, 253) }
```

Border

The CSS property to change the border of an element to YUV 191.3450, 30.3959, 4.0824 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(196, 177, 253) }
```


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

```
.border{ border-color:rgb(196, 177, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 177, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 177, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 177, 253);  
box-shadow:4px 4px 4px 4px rgb(196, 177,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 191.3450, 30.3959, 4.0824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 177, 253) }
```

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

```
.background{ background-color: rgb(196,  
177, 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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