

Converting Colors

YUV(190.2200, 29.9645, 2.4381)

Have a look what the booklet for
YUV(190.2200, 29.9645, 2.4381)
contains.

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Color

**YUV(190.2200, 29.9645,
2.4381)**

Conversions

Conversions Part 1

Format	Color
Hex	C1B1FB
RGB	193, 177, 251
RGB Percent	76%, 69%, 98%
CMY	0.2431, 0.3059, 0.0157
CMYK	0.23, 0.29, 0.00, 0.02
HSL	253°, 90%, 84%
HSV	253°, 29%, 98%
XYZ	55.1270, 49.7468, 97.9634
YIQ	190.2200, -14.2180, 26.4060

Conversions

Conversions Part 2

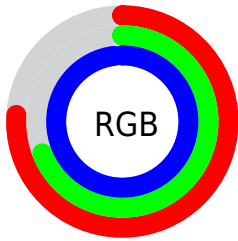
Format	Color
R_{YB}	193, 177, 251
Decimal	12694011
CIE _{Lab}	75.91, 20.80, -34.61
CIE _{LCh}	76, 40.374, 301.006
Yxy	49.7468, 0.2718, 0.2453
Android (android.graphics.Color)	4290884091 (0xFFC1B1FB)
YUV	190.2200, 29.9645, 2.4381
Hunter-Lab	70.5314, 16.0849, -32.9779

Details

The YUV color **190.2200, 29.9645, 2.4381** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **237.7800, -29.9645, -2.4381**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.5910, 7.1036, 8.2517**, and **136.1660, 28.5122, 1.6084** is the 20% darker color. If you saturate the color by 10%, you get **169.5650, 40.1475, 3.0125**, and if you desaturate by 10%, it is **210.8750, 19.7816, 1.8636**.

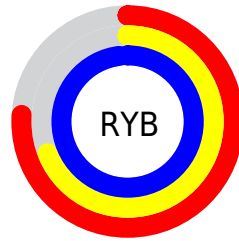
Distribution



Red (76%)

Green (69%)

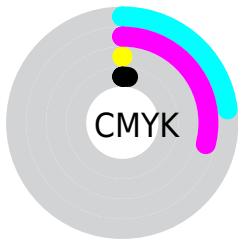
Blue (98%)



Red (76%)

Yellow (69%)

Blue (98%)

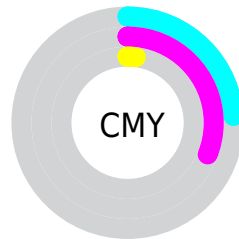


Cyan (23%)

Magenta (29%)

Yellow (0%)

Black (2%)



Cyan (24%)

Magenta (31%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.2200, 29.9645, 2.4381 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 190.2200, 29.9645, 2.4381 by changing the saturation by 10% instead.

■ 190.2200, 29.9645,
2.4381

■ 190.2200, 29.9645,
2.4381

255.0000, 0.0000,
0.0000

■ 162.6930, 29.2384,
2.0232

■ 240.5910, 7.1036,
8.2517

■ 136.1660, 28.5122,
1.6084

■ 110.6390, 27.7860,
1.1936

■ 85.6990, 26.7704,
0.2640

■ 62.3460, 25.4654,
-1.1804

■ 38.8080, 24.7447,
-3.3396

■ 15.1880, 25.0503,

-8.0579

■ 5.4890, 18.4929,
-4.8139

■ 2.9810, 8.8834,
-2.6143

■ 190.2200, 29.9645,
2.4381

■ 190.2200, 29.9645,
2.4381

■ 169.5650, 40.1475,
3.0125

■ 210.8750, 19.7816,
1.8636

■ 149.2090, 50.1830,
4.2017

■ 231.2310, 9.7461,
0.6744

■ 128.5540, 60.3659,
4.7761

■ 251.8860, -0.4368,
0.1000

■ 107.8990, 70.5488,
5.3506

■ 254.5440, -1.7472,
0.3999

■ 87.5430, 80.5843,
6.5398

■ 66.3010, 91.0566,
7.6290

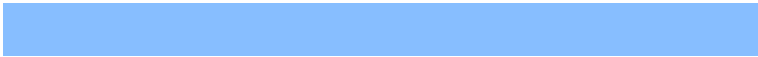
■ 45.6460, 101.2395,
8.2035

■ 44.7600, 101.6763,
8.1035

Harmonies

Analogous

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



180.9650, 36.4993, -40.3113



190.2200, 29.9645, 2.4381



192.0690, 15.7420, 37.6505

Triad

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



190.2200, 29.9645, 2.4381



187.0450, -31.5742, 47.3185



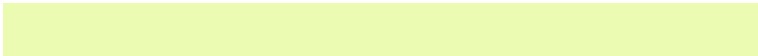
165.5510, 10.5744, -78.5362

Complementary

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



190.2200, 29.9645, 2.4381



237.7800, -29.9645, -2.4381

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.



174.8210, -12.2368, -41.9390



190.2200, 29.9645, 2.4381



184.1530, -35.5714, 22.6678

Square

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



190.2200, 29.9645, 2.4381



188.5530, -18.5136, 58.2740



180.0890, -28.6379, -7.9711



153.6340, 34.6904, -113.6890

Rectangle

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



190.2200, 29.9645, 2.4381



191.4810, 4.1999, 53.0752



180.0890, -28.6379, -7.9711



168.8640, 2.5320, -65.6557

Sweetspot

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



190.2200, 29.9645, 2.4381



236.1170, 9.3093, 0.7744



220.0690, 15.2490, -37.7715



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.



190.2200, 29.9645, 2.4381



181.8270, 36.0743, 2.7827



200.9840, 24.6579, 24.5700



114.3790, 5.2362, 0.5446



33.8050, 76.5111, 6.3100



10.8410, 24.7284, 1.8934

Inverse Universe

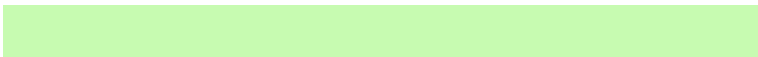
The Inverse Universe completely reimagines the original color for something new.



205.7380, 14.4262, 39.6948



200.5910, 17.4566, 47.7167



227.0160, -24.6579, -24.5700



117.0270, 2.4517, 6.9923



73.3830, 36.7862, 101.3961



23.7110, 11.9745, 32.7025

Previews

White Background



This preview shows how the YUV color 190.2200, 29.9645, 2.4381 looks on a white background.

Color Contrast Check

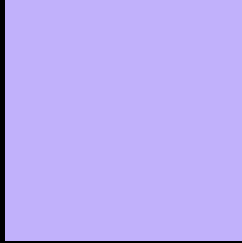
Large Text (above 18pt) WCAG AA × Fail

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 190.2200, 29.9645, 2.4381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

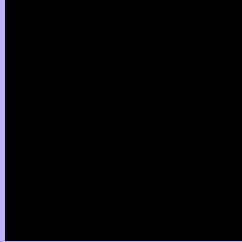
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.2200, 29.9645, 2.4381

Background



This preview shows how black text looks on a background with the YUV color 190.2200, 29.9645, 2.4381.



This preview shows how white text looks on a background with the YUV color 190.2200, 29.9645,

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

190.2200, 29.9645, 2.4381

Protanopia

187.2990, 33.3766, -18.6792

Deuteranopia

187.6370, 30.7450, -14.5906



Tritanopia

187.6990, 6.5574, -3.2440

Trichromacy



Original Color

190.2200, 29.9645, 2.4381

Protanomaly

188.4140, 32.3339, -10.8871

Deuteranomaly

188.2680, 30.4339, -8.1280

Tritanomaly

188.3000, 15.1351, -1.1401

Monochromacy



Original Color

190.2200, 29.9645, 2.4381

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.8720, 10.9091, 0.9893

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.2200, 29.9645, 2.4381 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(193, 177, 251)` looks like.

```
.text, #text, p{  
    color:rgb(193, 177, 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(193, 177, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 177, 251) }
```

Border

The CSS property to change the border of an element to YUV 190.2200, 29.9645, 2.4381 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(193, 177, 251) }
```


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

```
.border{ border-color:rgb(193, 177, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 177, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 177, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 177, 251);  
box-shadow:4px 4px 4px 4px rgb(193, 177,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 190.2200, 29.9645, 2.4381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 177, 251) }
```

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

```
.background{ background-color: rgb(193,  
177, 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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