

Converting Colors

YUV(193.3500, 29.4075,
-5.5689)

Have a look what the booklet for
YUV(193.3500, 29.4075, -5.5689)
contains.

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Color

**YUV(193.3500, 29.4075,
-5.5689)**

Conversions

Conversions Part 1

Format	Color
Hex	BBB9FD
RGB	187, 185, 253
RGB Percent	73%, 73%, 99%
CMY	0.2667, 0.2745, 0.0078
CMYK	0.26, 0.27, 0.00, 0.01
HSL	242°, 94%, 86%
HSV	242°, 27%, 99%
XYZ	55.5721, 52.3546, 100.1050
YIQ	193.3500, -20.6360, 21.5720

Conversions

Conversions Part 2

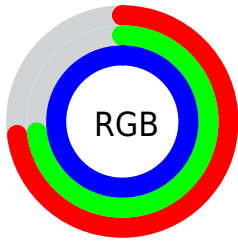
Format	Color
R _{YB}	187, 185, 253
Decimal	12302845
CIE _{Lab}	77.49, 15.11, -33.28
CIE _{LCh}	77, 36.551, 294.422
Y _{xy}	52.3546, 0.2671, 0.2517
Android (android.graphics.Color)	4290492925 (0xFFBBB9FD)
Y _{UV}	193.3500, 29.4075, -5.5689
Hunter-Lab	72.3565, 10.4700, -31.3781

Details

The YUV color $193.3500, 29.4075, -5.5689$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $244.6500, -29.4075, 5.5689$, and the grayscale version is $193.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.4930, 5.6730, 0.4446$, and $139.2960, 27.9551, -6.3986$ is the 20% darker color. If you saturate the color by 10%, you get $171.2000, 40.3274, -8.0684$, and if you desaturate by 10%, it is $215.5000, 18.4875, -3.0695$.

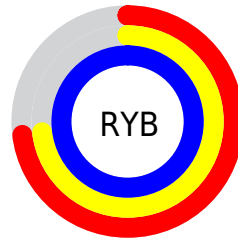
Distribution



Red (73%)

Green (73%)

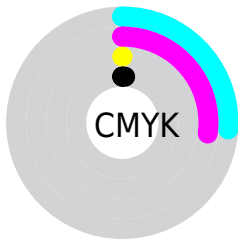
Blue (99%)



Red (73%)

Yellow (73%)

Blue (99%)

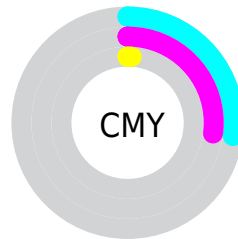


Cyan (26%)

Magenta (27%)

Yellow (0%)

Black (1%)



Cyan (27%)

Magenta (27%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.3500, 29.4075, -5.5689 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 193.3500, 29.4075, -5.5689 by changing the saturation by 10% instead.

■ 193.3500, 29.4075,
-5.5689

■ 193.3500, 29.4075,
-5.5689

255.0000, 0.0000,
0.0000

■ 165.8230, 28.6813,
-5.9838

■ 243.4930, 5.6730,
0.4446

■ 139.2960, 27.9551,
-6.3986

■ 113.7690, 27.2289,
-6.8134

■ 88.8290, 26.2133,
-7.7430

■ 64.8890, 25.1977,
-8.6727

■ 41.0520, 24.6244,
-11.4466

■ 18.2040, 24.0564,

-15.9649

■ 5.1300, 19.6559,
-4.4990

■ 3.2090, 9.7570,
-2.8143

■ 193.3500, 29.4075,
-5.5689

■ 193.3500, 29.4075,
-5.5689

■ 171.2000, 40.3274,
-8.0684

■ 215.5000, 18.4875,
-3.0695

■ 148.7620, 51.3893,
-9.4383

■ 237.9380, 7.4256,
-1.6996

■ 126.6120, 62.3093,
-11.9377

■ 254.7720, -0.8736,
0.2000

■ 104.7610, 73.0818,
-13.8224

■ 82.0240, 84.2912,
-15.8070

■ 60.1730, 95.0637,
-17.6917

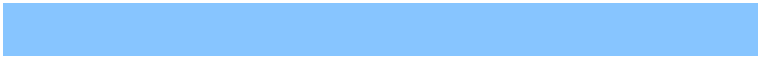
■ 38.0230, 105.9837,
-20.1912

■ 30.9350, 109.4780,
-20.9910

Harmonies

Analogous

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



185.0740, 34.4735, -43.9149



193.3500, 29.4075, -5.5689



196.0570, 17.2269, 28.0140

Triad

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



193.3500, 29.4075, -5.5689



192.5980, -26.9168, 46.8336



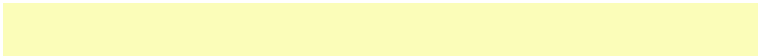
175.9400, 3.9736, -61.3374

Complementary

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



193.3500, 29.4075, -5.5689



244.6500, -29.4075, 5.5689

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.



182.0890, -15.3269, -30.7731



193.3500, 29.4075, -5.5689



189.6850, -32.3827, 26.5863

Square

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



193.3500, 29.4075, -5.5689



193.0840, -13.8454, 54.3003



186.5460, -28.3702, -0.4788



169.6610, 23.8311, -83.8947

Rectangle

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



193.3500, 29.4075, -5.5689



196.5230, 7.1372, 44.2683



186.5460, -28.3702, -0.4788



177.8720, -2.8949, -51.6307

Sweetspot

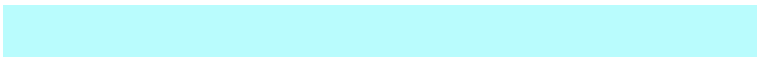
The Sweet Spot groups the original color and five complimentary colors.



193.3500, 29.4075, -5.5689



237.2800, 8.7360, -1.9996



232.0810, 10.3131, -41.2900



116.4820, 5.6784, -1.2997



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.



193.3500, 29.4075, -5.5689



183.2450, 35.3752, -6.3539



203.2170, 24.5430, 14.7187



116.4820, 5.6784, -1.2997



23.5680, 82.5440, -15.4071



7.8940, 27.6603, -5.1690

Inverse Universe

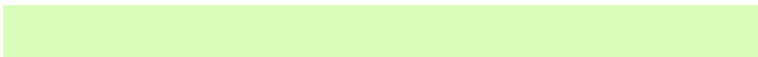
The Inverse Universe completely reimagines the original color for something new.



212.8560, 18.8050, 35.2063



206.6380, 22.8565, 42.4135



234.7830, -24.5430, -14.7187



120.2550, 3.3253, 6.7924



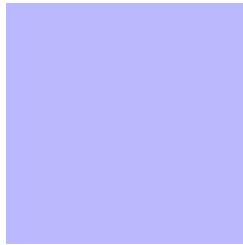
78.3130, 53.0897, 98.8265



26.2040, 17.6474, 33.1471

Previews

White Background



This preview shows how the YUV color 193.3500, 29.4075, -5.5689 looks on a white background.

Color Contrast Check

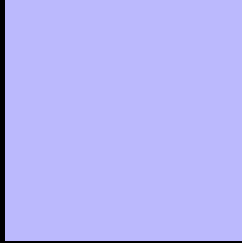
Large Text (above 18pt) WCAG AA × Fail

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 193.3500, 29.4075, -5.5689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

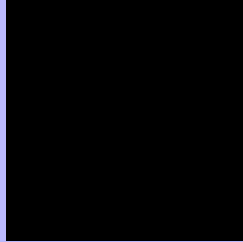
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.3500, 29.4075, -5.5689

Background



This preview shows how black text looks on a background with the YUV color 193.3500, 29.4075, -5.5689.



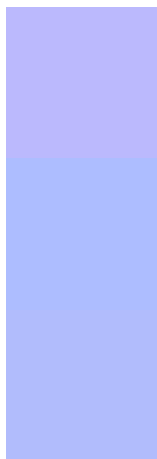
This preview shows how white text looks on a background with the YUV color 193.3500, 29.4075, -5.5689.

-5.5689.

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

193.3500, 29.4075, -5.5689

Protanopia

191.7400, 31.1872, -16.4350

Deuteranopia

192.0070, 29.5765, -13.1611



Tritanopia

190.3390, 9.1999, -10.8213

Trichromacy



Original Color

193.3500, 29.4075, -5.5689

Protanomaly

192.5340, 30.3027, -12.7463

Deuteranomaly

192.6160, 29.2763, -10.1872

Tritanomaly

191.2990, 16.6146, -9.0322

Monochromacy



Original Color

193.3500, 29.4075, -5.5689

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.1490, 10.7725, -1.8847

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.3500, 29.4075, -5.5689 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(187, 185, 253)` looks like.

```
.text, #text, p{  
    color:rgb(187, 185, 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(187, 185, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 185, 253) }
```

Border

The CSS property to change the border of an element to YUV 193.3500, 29.4075, -5.5689 is called "border". The border property can be set on classes, ids or directly on the HTML element.

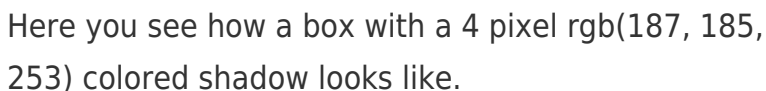
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 185, 253) }
```


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

```
.border{ border-color:rgb(187, 185, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 185, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 185, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 185, 253); box-shadow:4px 4px 4px 4px rgb(187, 185, 253) }
```

Background

The CSS property to change the background color of an element to YUV 193.3500, 29.4075, -5.5689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 185, 253) }
```

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

```
.background{ background-color: rgb(187,  
185, 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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