

Converting Colors

YUV(195.9370, 29.1181,
-6.0837)

Have a look what the booklet for
YUV(195.9370, 29.1181, -6.0837)
contains.

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Color

**YUV(195.9370, 29.1181,
-6.0837)**

Conversions

Conversions Part 1

Format	Color
Hex	BDBCFF
RGB	189, 188, 255
RGB Percent	74%, 74%, 100%
CMY	0.2588, 0.2627, 0.0000
CMYK	0.26, 0.26, 0.00, 0.00
HSL	241°, 100%, 87%
HSV	241°, 26%, 100%
XYZ	57.0195, 54.0053, 102.0265
YIQ	195.9370, -20.9110, 21.0490

Conversions

Conversions Part 2

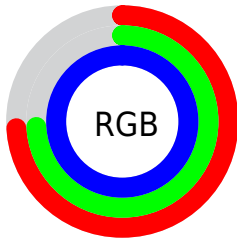
Format	Color
RYB	189, 188, 255
Decimal	12434687
CIELab	78.46, 14.52, -32.84
CIELCh	78, 35.907, 293.851
Yxy	54.0053, 0.2676, 0.2535
Android (android.graphics.Color)	4290624767 (0xFFBDBCFF)
YUV	195.9370, 29.1181, -6.0837
Hunter-Lab	73.4883, 9.8935, -30.8728

Details

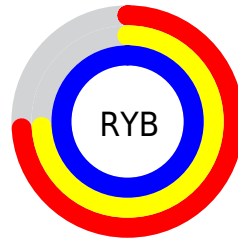
The YUV color $195.9370, 29.1181, -6.0837$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $247.0630, -29.1181, 6.0837$, and the grayscale version is $196.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.8520, 4.5100, 0.1298$, and $141.8830, 27.6657, -6.9134$ is the 20% darker color. If you saturate the color by 10%, you get $173.7870, 40.0380, -8.5832$, and if you desaturate by 10%, it is $218.6740, 17.9087, -4.0991$.

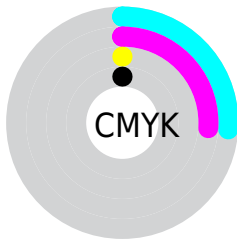
Distribution



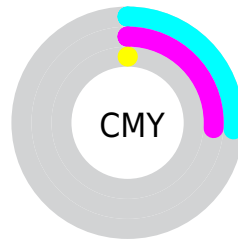
- Red (74%)
- Green (74%)
- Blue (100%)



- Red (74%)
- Yellow (74%)
- Blue (100%)



- Cyan (26%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.9370, 29.1181, -6.0837 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 195.9370, 29.1181, -6.0837 by changing the saturation by 10% instead.

■ 195.9370, 29.1181,
-6.0837

■ 195.9370, 29.1181,
-6.0837

■ 255.0000, 0.0000,
0.0000

■ 168.4100, 28.3919,
-6.4986

■ 245.8520, 4.5100,
0.1298

■ 141.8830, 27.6657,
-6.9134

■ 116.3560, 26.9395,
-7.3282

■ 90.8290, 26.2133,
-7.7430

■ 66.8890, 25.1977,
-8.6727

■ 43.0520, 24.6244,
-11.4466

■ 20.1930, 24.0619,

-17.7093

■ 5.2440, 20.0927,
-4.5990

■ 3.4370, 10.6306,
-3.0142

■ 195.9370, 29.1181,
-6.0837

■ 195.9370, 29.1181,
-6.0837

■ 173.7870, 40.0380,
-8.5832

■ 218.6740, 17.9087,
-4.0991

■ 151.0500, 51.2474,
-10.5678

■ 240.8240, 6.9888,
-1.5996

■ 128.9000, 62.1673,
-13.0673

■ 255.0000, 0.0000,
0.0000

■ 106.1630, 73.3766,
-15.0520

■ 83.7140, 84.4440,
-18.1662

■ 60.9770, 95.6533,
-20.1508

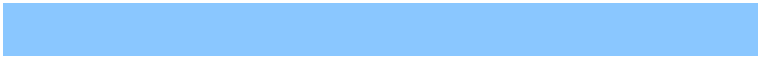
■ 38.8270, 106.5733,
-22.6503

■ 30.2660, 110.7939,
-23.0353

Harmonies

Analogous

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



187.1450, 33.4525, -43.1002



195.9370, 29.1181, -6.0837



199.3450, 17.0849, 26.8844

Triad

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



195.9370, 29.1181, -6.0837



195.0110, -26.6274, 47.3484



178.8370, 3.5314, -59.4930

Complementary

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



195.9370, 29.1181, -6.0837



247.0630, -29.1181, 6.0837

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.



184.8010, -15.1849, -29.6435



195.9370, 29.1181, -6.0837



192.7990, -31.9459, 26.4863

Square

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



195.9370, 29.1181, -6.0837



195.3010, -12.9664, 52.3560



189.2580, -28.2282, 0.6507



174.0420, 22.6573, -80.7208

Rectangle

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



195.9370, 29.1181, -6.0837



198.9250, 7.4320, 43.0388



189.2580, -28.2282, 0.6507



180.7690, -3.3371, -49.7864

Sweetspot

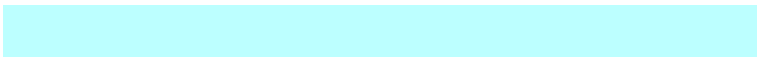
The Sweet Spot groups the original color and five complimentary colors.



195.9370, 29.1181, -6.0837



237.2800, 8.7360, -1.9996



234.9670, 9.8763, -41.1901



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.



195.9370, 29.1181, -6.0837



182.9460, 35.5226, -6.9686



205.8040, 24.2536, 14.2039



116.4820, 5.6784, -1.2997



22.6710, 82.9862, -17.2515



7.5950, 27.8077, -5.7838

Inverse Universe

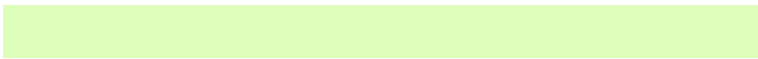
The Inverse Universe completely reimagines the original color for something new.



215.5570, 18.9524, 34.5915



206.7520, 23.2933, 42.3135



237.4950, -24.4010, -13.5891



120.2550, 3.3253, 6.7924



78.5410, 53.9633, 98.6265



26.3180, 18.0842, 33.0471

Previews

White Background



This preview shows how the YUV color 195.9370, 29.1181, -6.0837 looks on a white background.

Color Contrast Check

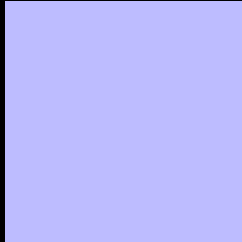
Large Text (above 18pt) WCAG AA × Fail

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 195.9370, 29.1181, -6.0837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

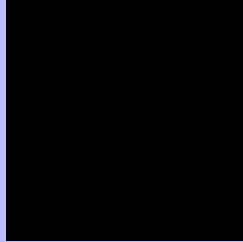
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.9370, 29.1181, -6.0837

Background



This preview shows how black text looks on a background with the YUV color 195.9370, 29.1181, -6.0837.



This preview shows how white text looks on a background with the YUV color 195.9370, 29.1181, -6.0837.

-6.0837.

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

195.9370, 29.1181, -6.0837

Protanopia

194.6970, 29.7294, -15.5203

Deuteranopia

194.8930, 29.1398, -13.0612



Tritanopia

193.0400, 9.3473, -11.4361

Trichromacy



Original Color

195.9370, 29.1181, -6.0837

Protanomaly

195.3060, 29.4291, -12.5464

Deuteranomaly

195.2030, 28.9869, -10.7020

Tritanomaly

194.0000, 16.7620, -9.6470

Monochromacy



Original Color

195.9370, 29.1181, -6.0837

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.7360, 10.4832, -2.3995

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.9370, 29.1181, -6.0837 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, 188, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 188, 255)  
}
```

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, 188, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 188, 255) }
```

Border

The CSS property to change the border of an element to YUV 195.9370, 29.1181, -6.0837 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, 188, 255) }
```


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

```
.border{ border-color:rgb(189, 188, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 188, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 188, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 188, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 188,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 195.9370, 29.1181, -6.0837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 188, 255) }
```

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

```
.background{ background-color: rgb(189,  
188, 255) }
```

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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