

Converting Colors

YUV(211.3370, 19.0609,
-0.2955)

Have a look what the booklet for
YUV(211.3370, 19.0609, -0.2955)
contains.

YUV(211.3370, 19.0609, -0.2955)	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(211.3370, 19.0609,
-0.2955)**

Conversions

Conversions Part 1

Format	Color
Hex	D3CCFA
RGB	211, 204, 250
RGB Percent	83%, 80%, 98%
CMY	0.1725, 0.2000, 0.0196
CMYK	0.16, 0.18, 0.00, 0.02
HSL	249°, 82%, 89%
HSV	249°, 18%, 98%
XYZ	65.7122, 63.9367, 99.3201
YIQ	211.3370, -10.5940, 15.7900

Conversions

Conversions Part 2

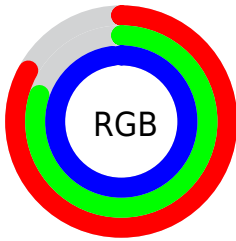
Format	Color
R _Y B	211, 204, 250
Decimal	13880570
CIE Lab	83.93, 11.37, -21.67
CIE LCh	84, 24.471, 297.697
Yxy	63.9367, 0.2870, 0.2792
Android (android.graphics.Color)	4292070650 (0xFFD3CCFA)
YUV	211.3370, 19.0609, -0.2955
Hunter-Lab	79.9605, 6.7620, -17.6727

Details

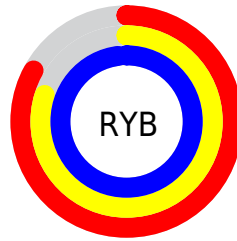
The YUV color $211.3370, 19.0609, -0.2955$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $242.6630, -19.0609, 0.2955$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $156.6960, 17.8979, -0.6104$ is the 20% darker color. If you saturate the color by 10%, you get $190.3830, 29.3912, -0.3359$, and if you desaturate by 10%, it is $232.2910, 8.7305, -0.2552$.

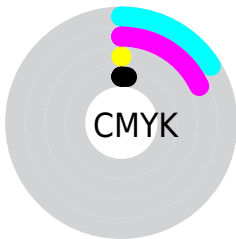
Distribution



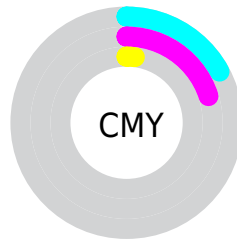
- Red (83%)
- Green (80%)
- Blue (98%)



- Red (83%)
- Yellow (80%)
- Blue (98%)



- Cyan (16%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)



- Cyan (17%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.3370, 19.0609, -0.2955 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 211.3370, 19.0609, -0.2955 by changing the saturation by 10% instead.

■ 211.3370, 19.0609,
-0.2955

■ 211.3370, 19.0609,
-0.2955

255.0000, 0.0000,
0.0000

■ 183.8100, 18.3347,
-0.7104

■ 156.6960, 17.8979,
-0.6104

■ 130.5820, 17.4611,
-0.5104

■ 105.1690, 17.1717,
-1.0252

■ 80.6420, 16.4455,
-1.4400

■ 58.0010, 15.2825,
-1.7549

■ 35.5880, 14.9931,

-2.2697

■ 13.3000, 15.1351,
-1.1401

■ 3.0950, 9.3202,
-2.7143

■ 211.3370, 19.0609,
-0.2955

■ 211.3370, 19.0609,
-0.2955

■ 190.3830, 29.3912,
-0.3359

■ 232.2910, 8.7305,
-0.2552

■ 169.4290, 39.7215,
-0.3762

■ 253.2450, -1.5998,
-0.2149

■ 148.1760, 50.1992,
-1.0314

■ 254.4300, -2.1840,
0.4999

■ 127.2220, 60.5296,
-1.0717

■ 106.2680, 70.8599,
-1.1120

■ 85.3140, 81.1902,
-1.1524

■ 64.3600, 91.5205,
-1.1927

■ 43.1070, 101.9982,
-1.8478

■ 39.8620, 103.5980,
-1.6330

Harmonies

Analogous

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



207.3340, 23.4993, -23.9719



211.3370, 19.0609, -0.2955



213.4770, 10.1178, 21.5067

Triad

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



211.3370, 19.0609, -0.2955



211.0460, -19.7427, 32.4087



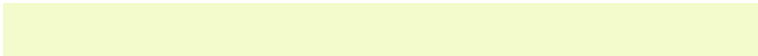
200.2570, 3.3243, -39.6904

Complementary

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



211.3370, 19.0609, -0.2955



242.6630, -19.0609, 0.2955

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.



203.0390, -9.3862, -22.8362



211.3370, 19.0609, -0.2955



208.5620, -22.4621, 17.9241

Square

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



211.3370, 19.0609, -0.2955



211.6690, -11.1758, 38.0013



205.7660, -18.6186, -1.5488



199.8890, 14.8447, -48.1377

Rectangle

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



211.3370, 19.0609, -0.2955



213.7080, 3.1020, 31.8281



205.7660, -18.6186, -1.5488



201.4380, -1.2019, -34.5871

Sweetspot

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



211.3370, 19.0609, -0.2955



242.3080, 6.2572, -0.2701



232.1370, 8.8065, -24.6761



120.3250, 3.7838, -0.2850



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.



211.3370, 19.0609, -0.2955



207.7760, 23.2814, -0.6806



218.2140, 15.6705, 13.8443



114.0800, 5.3836, -0.0702



30.2170, 78.2800, -1.0673



9.6450, 25.3180, -0.5657

Inverse Universe

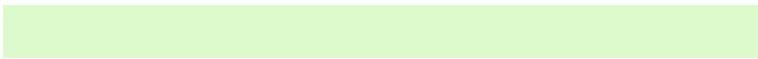
The Inverse Universe completely reimagines the original color for something new.



222.2000, 10.2544, 24.3806



221.1020, 12.2747, 29.7285



235.7860, -15.6705, -13.8443



117.1410, 2.8885, 6.8923



74.7510, 42.0278, 100.1964



24.1670, 13.7217, 32.3025

Previews

White Background



This preview shows how the YUV color 211.3370, 19.0609, -0.2955 looks on a white background.

Color Contrast Check

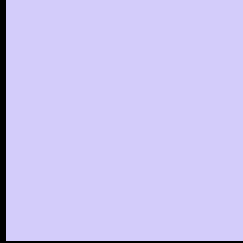
Large Text (above 18pt) WCAG AA × Fail

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 211.3370, 19.0609, -0.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

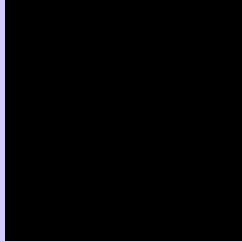
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 211.3370, 19.0609, -0.2955

Background



This preview shows how black text looks on a background with the YUV color 211.3370, 19.0609, -0.2955.



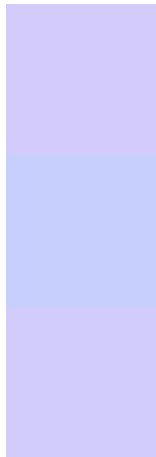
This preview shows how white text looks on a background with the YUV color 211.3370, 19.0609, -0.2955.

-0.2955.

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

211.3370, 19.0609, -0.2955

Protanopia

209.7380, 20.8352, -9.4172

Deuteranopia

211.0380, 19.2083, -0.9103



Tritanopia

209.6390, 7.5730, -2.3144

Trichromacy



Original Color

211.3370, 19.0609, -0.2955

Protanomaly

210.2330, 20.0981, -6.3433

Deuteranomaly

211.0380, 19.2083, -0.9103

Tritanomaly

210.3770, 11.6461, -2.0846

Monochromacy



Original Color

211.3370, 19.0609, -0.2955

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

210.8350, 6.9833, 0.1447

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.3370, 19.0609, -0.2955 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(211, 204, 250)` looks like.

```
.text, #text, p{  
    color:rgb(211, 204, 250)  
}
```

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(211, 204, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 204, 250) }
```

Border

The CSS property to change the border of an element to YUV 211.3370, 19.0609, -0.2955 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(211, 204, 250) }
```


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

```
.border{ border-color:rgb(211, 204, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 204, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 204, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 204, 250);  
box-shadow:4px 4px 4px 4px rgb(211, 204,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 211.3370, 19.0609, -0.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 204, 250) }
```

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

```
.background{ background-color: rgb(211,  
204, 250) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor