

Converting Colors

YUV(99.5770, 68.7355,
-19.8000)

Have a look what the booklet for
YUV(99.5770, 68.7355, -19.8000)
contains.

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Color

**YUV(99.5770, 68.7355,
-19.8000)**

Conversions

Conversions Part 1

Format	Color
Hex	4D54EF
RGB	77, 84, 239
RGB Percent	30%, 33%, 94%
CMY	0.6980, 0.6706, 0.0627
CMYK	0.68, 0.65, 0.00, 0.06
HSL	237°, 84%, 62%
HSV	237°, 68%, 94%
XYZ	21.8109, 14.1504, 83.2431
YIQ	99.5770, -53.9270, 46.7210

Conversions

Conversions Part 2

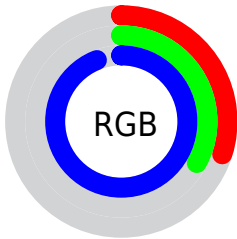
Format	Color
R _Y B	77, 84, 239
Decimal	5068015
CIE Lab	44.45, 45.56, -78.66
CIE LCh	44, 90.900, 300.081
Yxy	14.1504, 0.1830, 0.1187
Android (android.graphics.Color)	4283258095 (0xFF4D54EF)
YUV	99.5770, 68.7355, -19.8000
Hunter-Lab	37.6170, 37.6669, -104.8714

Details

The YUV color **99.5770, 68.7355, -19.8000** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **216.4230, -68.7355, 19.8000**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.7840, 51.3785, -5.9496**, and **43.0540, 68.5004, -37.7584** is the 20% darker color. If you saturate the color by 10%, you get **78.9000, 78.9293, -22.7143**, and if you desaturate by 10%, it is **120.2540, 58.5418, -16.8858**.

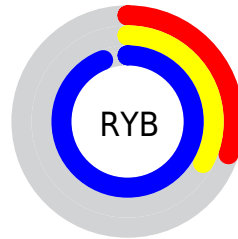
Distribution



Red (30%)

Green (33%)

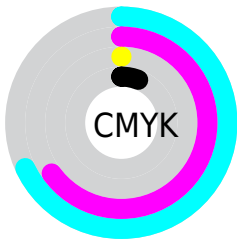
Blue (94%)



Red (30%)

Yellow (33%)

Blue (94%)

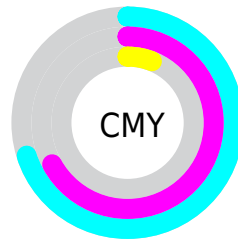


Cyan (68%)

Magenta (65%)

Yellow (0%)

Black (6%)



Cyan (70%)

Magenta (67%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.5770, 68.7355, -19.8000 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 99.5770, 68.7355, -19.8000 by changing the saturation by 10% instead.

■ 99.5770, 68.7355,
-19.8000

■ 99.5770, 68.7355,
-19.8000

■ 255.0000, 0.0000,
0.0000

■ 69.0160, 69.5051,
-33.3400

■ 150.7840, 51.3785,
-5.9496

■ 43.0540, 68.5004,
-37.7584

■ 175.3150, 39.2847,
-0.2763

■ 28.1220, 62.0579,
-24.6630

■ 201.0200, 26.6121,
4.3675

■ 14.4780, 55.4733,
-12.6972

■ 226.7250, 13.9396,
9.0112

■ 11.5140, 44.1166,
-10.0978

■ 248.5430, 3.1833,
5.6628

■ 13.9470, 30.5921,
-12.2315

■ 8.2760, 21.5559,

-7.2581

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 99.5770, 68.7355,
-19.8000

■ 99.5770, 68.7355,
-19.8000

■ 78.9000, 78.9293,
-22.7143

■ 120.2540, 58.5418,
-16.8858

■ 58.2230, 89.1231,
-25.6286

■ 140.9310, 48.3480,
-13.9715

■ 37.5460, 99.3168,
-28.5428

■ 161.6080, 38.1543,
-11.0572

■ 33.1160, 101.5008,
-29.0427

■ 181.6980, 28.2499,
-7.6281

■ 202.0760, 18.2035,
-5.3287

■ 222.7530, 8.0098,
-2.4144

■ 243.4300, -2.1840,
0.4999

■ 253.1760, -6.9888,
1.5996

Harmonies

Analogous

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



97.7490, 77.5247, -85.7259



99.5770, 68.7355, -19.8000



77.8570, 51.3425, 99.2264

Triad

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



99.5770, 68.7355, -19.8000



94.0570, -46.3701, 79.7570



89.8130, 6.5012, -78.7660

Complementary

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



99.5770, 68.7355, -19.8000



216.4230, -68.7355, 19.8000

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.



77.4500, -33.2529, -67.9237



99.5770, 68.7355, -19.8000



98.7330, -48.6754, 25.6672

Square

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



99.5770, 68.7355, -19.8000



70.3680, -17.4364, 132.9813



84.7810, -41.7970, -34.0109



99.1780, 39.8452, -86.9791

Rectangle

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



99.5770, 68.7355, -19.8000



81.3550, 25.9540, 122.4687



84.7810, -41.7970, -34.0109



86.1480, -5.0030, -75.5518

Sweetspot

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



99.5770, 68.7355, -19.8000



210.9880, 21.6979, -6.1285



189.6500, 20.3856, -98.7940



101.1210, 13.2513, -3.6141



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.



99.5770, 68.7355, -19.8000



76.8810, 87.8127, -25.3286



117.2950, 60.0006, 28.6823



109.3680, 5.2416, -1.1997



25.6720, 78.0557, -22.5143



7.5580, 23.8819, -6.6284

Inverse Universe

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



126.2360, -20.8223, 98.8940



110.9190, -26.5821, 126.3590



198.7050, -60.0006, -28.6823



111.5880, -1.7689, 7.3773



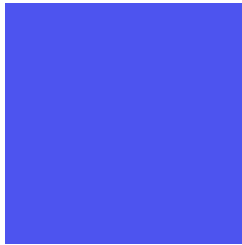
55.9280, -23.6285, 112.3191



16.9720, -7.3812, 34.2276

Previews

White Background



This preview shows how the YUV color 99.5770, 68.7355, -19.8000 looks on a white background.

Color Contrast Check

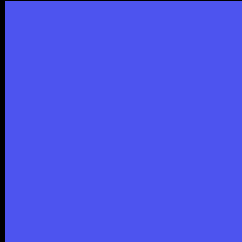
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 99.5770, 68.7355, -19.8000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.5770, 68.7355, -19.8000

Background



This preview shows how black text looks on a background with the YUV color 99.5770, 68.7355, -19.8000.



This preview shows how white text looks on a background with the YUV color 99.5770, 68.7355, -19.8000.

-19.8000.

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

99.5770, 68.7355, -19.8000

Protanopia

83.5690, 63.8095, -73.2900

Deuteranopia

83.6710, 48.9692, -73.3795



Tritanopia

82.2280, 20.5936, -72.1140

Trichromacy



Original Color

99.5770, 68.7355, -19.8000

Protanomaly

89.4450, 65.3496, -53.8873

Deuteranomaly

89.6270, 55.8929, -54.0469

Tritanomaly

88.3440, 38.2844, -52.9217

Monochromacy



Original Color

99.5770, 68.7355, -19.8000

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.9000, 25.1923, -6.9283

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.5770, 68.7355, -19.8000 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(77, 84, 239)` looks like.

```
.text, #text, p{  
    color:rgb(77, 84, 239)  
}
```

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(77, 84, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 84, 239) }
```

Border

The CSS property to change the border of an element to YUV 99.5770, 68.7355, -19.8000 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(77, 84, 239) }
```


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

```
.border{ border-color:rgb(77, 84, 239) }
```

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

Here you see how a box with a 4 pixel rgb(77, 84, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 84, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 84, 239);  
box-shadow:4px 4px 4px 4px rgb(77, 84,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 99.5770, 68.7355, -19.8000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 84, 239) }
```

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

```
.background{ background-color: rgb(77, 84,  
239) }
```

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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