

Converting Colors

YUV(149.5700, 39.1590,
-6.6389)

Have a look what the booklet for
YUV(149.5700, 39.1590, -6.6389)
contains.

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Color

**YUV(149.5700, 39.1590,
-6.6389)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8AE5
RGB	142, 138, 229
RGB Percent	56%, 54%, 90%
CMY	0.4431, 0.4588, 0.1020
CMYK	0.38, 0.40, 0.00, 0.10
HSL	243°, 64%, 72%
HSV	243°, 40%, 90%
XYZ	34.3867, 29.5849, 78.0268
YIQ	149.5700, -26.8270, 29.1490

Conversions

Conversions Part 2

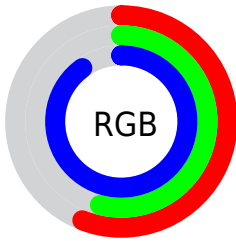
Format	Color
R _Y B	142, 138, 229
Decimal	9341669
CIE Lab	61.29, 23.11, -45.71
CIE LCh	61, 51.219, 296.822
Yxy	29.5849, 0.2422, 0.2083
Android (android.graphics.Color)	4287531749 (0xFF8E8AE5)
YUV	149.5700, 39.1590, -6.6389
Hunter-Lab	54.3920, 17.6619, -46.9788

Details

The YUV color $149.5700, 39.1590, -6.6389$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $217.4300, -39.1590, 6.6389$, and the grayscale version is $149.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $200.3890, 26.9232, -2.0952$, and $97.3910, 37.2752, -9.1129$ is the 20% darker color. If you saturate the color by 10%, you get $129.4910, 49.0579, -8.3236$, and if you desaturate by 10%, it is $169.6490, 29.2600, -4.9542$.

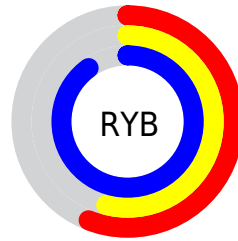
Distribution



Red (56%)

Green (54%)

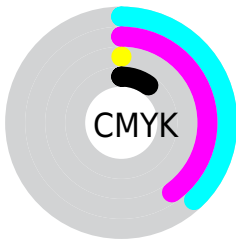
Blue (90%)



Red (56%)

Yellow (54%)

Blue (90%)

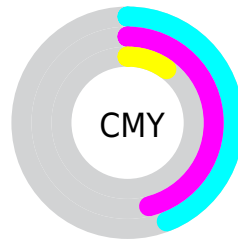


Cyan (38%)

Magenta (40%)

Yellow (0%)

Black (10%)



Cyan (44%)

Magenta (46%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.5700, 39.1590, -6.6389 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 149.5700, 39.1590, -6.6389 by changing the saturation by 10% instead.

■ 149.5700, 39.1590,
-6.6389

■ 149.5700, 39.1590,
-6.6389

255.0000, 0.0000,
0.0000

■ 123.3310, 38.2908,
-8.1833

■ 200.3890, 26.9232,
-2.0952

■ 97.3910, 37.2752,
-9.1129

■ 225.4960, 14.5455,
1.3190

■ 72.4400, 36.2651,
-11.7869

■ 250.8910, 2.0257,
3.6036

■ 47.2930, 35.8446,
-16.9200

■ 24.3310, 34.8398,
-21.3383

■ 7.9800, 30.5759,
-6.9985

■ 7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 149.5700, 39.1590,
-6.6389

■ 149.5700, 39.1590,
-6.6389

■ 129.4910, 49.0579,
-8.3236

■ 169.6490, 29.2600,
-4.9542

■ 109.4120, 58.9569,
-10.0083

■ 189.7280, 19.3611,
-3.2695

■ 89.3330, 68.8558,
-11.6930

■ 209.8070, 9.4621,
-1.5847

■ 69.2540, 78.7548,
-13.3778

■ 229.8860, -0.4368,
0.1000

■ 49.4740, 88.5063,
-14.4477

■ 249.0790, -9.8989,
1.6847

■ 29.9820, 98.1159,
-16.6472

■ 252.0360,
-11.3567, 2.5994

■ 29.0960, 98.5527,
-16.7472

Harmonies

Analogous

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



124.1080, 56.1488, -89.5487



149.5700, 39.1590, -6.6389



152.5130, 22.4251, 40.7691

Triad

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



149.5700, 39.1590, -6.6389



146.2590, -36.1167, 57.6549



115.8640, 12.3920, -101.6127

Complementary

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



149.5700, 39.1590, -6.6389



217.4300, -39.1590, 6.6389

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.



130.5120, -17.0144, -49.5610



149.5700, 39.1590, -6.6389



143.4930, -44.6130, 29.3856

Square

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



149.5700, 39.1590, -6.6389



147.0540, -18.2676, 72.7436



138.9940, -37.9580, -5.2567



121.1080, 32.4848, -106.2117

Rectangle

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



149.5700, 39.1590, -6.6389



150.6160, 9.5563, 61.7268



138.9940, -37.9580, -5.2567



113.5670, 6.1295, -99.5983

Sweetspot

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



149.5700, 39.1590, -6.6389



228.1320, 13.2459, -1.8698



200.0300, 14.2822, -54.4003



112.0520, 7.8624, -1.7996



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.



149.5700, 39.1590, -6.6389



148.4030, 52.5523, -9.1234



163.0250, 32.5257, 21.0261



104.6670, 5.0942, -0.5850



22.7980, 77.0076, -12.9778



6.4120, 21.9819, -3.8693

Inverse Universe

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



175.1270, 24.5874, 47.2466



182.8160, 33.1217, 63.3054



203.9750, -32.5257, -21.0261



107.8420, 3.0359, 6.2776



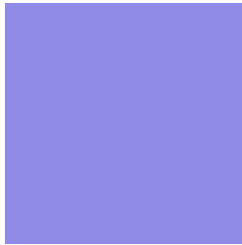
73.0150, 48.3066, 92.9488



20.8350, 13.8853, 26.4547

Previews

White Background



This preview shows how the YUV color 149.5700, 39.1590, -6.6389 looks on a white background.

Color Contrast Check

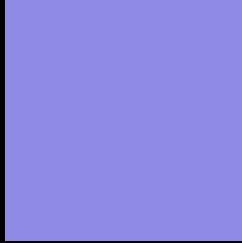
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 149.5700, 39.1590, -6.6389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

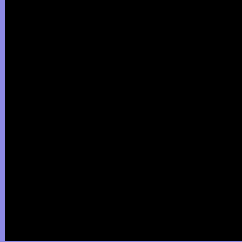
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.5700, 39.1590, -6.6389

Background



This preview shows how black text looks on a background with the YUV color 149.5700, 39.1590, -6.6389.



This preview shows how white text looks on a background with the YUV color 149.5700, 39.1590, -6.6389.

-6.6389.

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

149.5700, 39.1590, -6.6389

Protanopia

145.6920, 44.0288, -28.6709

Deuteranopia

144.4590, 40.6927, -31.9745



Tritanopia

145.8930, 8.9268, -16.5692

Trichromacy



Original Color

149.5700, 39.1590, -6.6389

Protanomaly

146.9920, 42.4019, -20.1640

Deuteranomaly

146.4000, 40.2288, -23.1528

Tritanomaly

147.1890, 20.1198, -13.3208

Monochromacy



Original Color

149.5700, 39.1590, -6.6389

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.0610, 14.2669, -2.6845

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.5700, 39.1590, -6.6389 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(142, 138, 229)` looks like.

```
.text, #text, p{  
    color:rgb(142, 138, 229)  
}
```

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(142, 138, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 138, 229) }
```

Border

The CSS property to change the border of an element to YUV 149.5700, 39.1590, -6.6389 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(142, 138, 229) }
```


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

```
.border{ border-color:rgb(142, 138, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 138, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 138, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 138, 229);  
box-shadow:4px 4px 4px 4px rgb(142, 138,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 149.5700, 39.1590, -6.6389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 138, 229) }
```

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

```
.background{ background-color: rgb(142,  
138, 229) }
```

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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