

Converting Colors

YUV(159.9390, 39.4701,
-13.1015)

Have a look what the booklet for
YUV(159.9390, 39.4701, -13.1015)
contains.

YUV(159.9390, 39.4701, -13.1015)	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(159.9390, 39.4701,
-13.1015)**

Conversions

Conversions Part 1

Format	Color
Hex	9198F0
RGB	145, 152, 240
RGB Percent	57%, 60%, 94%
CMY	0.4314, 0.4039, 0.0588
CMYK	0.40, 0.37, 0.00, 0.06
HSL	236°, 76%, 75%
HSV	236°, 40%, 94%
XYZ	38.6335, 34.7675, 87.1127
YIQ	159.9390, -32.4200, 25.8840

Conversions

Conversions Part 2

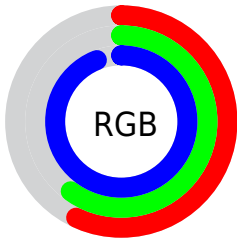
Format	Color
R _Y B	145, 152, 240
Decimal	9541872
CIE Lab	65.57, 18.80, -45.03
CIE LCh	66, 48.799, 292.653
Yxy	34.7675, 0.2407, 0.2166
Android (android.graphics.Color)	4287731952 (0xFF9198F0)
YUV	159.9390, 39.4701, -13.1015
Hunter-Lab	58.9640, 13.7671, -46.3196

Details

The YUV color **159.9390, 39.4701, -13.1015** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **225.0610, -39.4701, 13.1015**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.3900, 21.9927, -7.3580**, and **107.0590, 37.4389, -14.9607** is the 20% darker color. If you saturate the color by 10%, you get **139.8490, 49.3744, -16.5306**, and if you desaturate by 10%, it is **180.0290, 29.5657, -9.6724**.

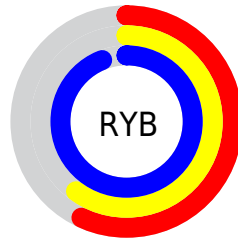
Distribution



Red (57%)

Green (60%)

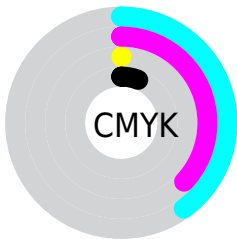
Blue (94%)



Red (57%)

Yellow (60%)

Blue (94%)

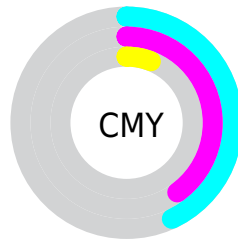


Cyan (40%)

Magenta (37%)

Yellow (0%)

Black (6%)



Cyan (43%)

Magenta (40%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.9390, 39.4701, -13.1015 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 159.9390, 39.4701, -13.1015 by changing the saturation by 10% instead.

■ 159.9390, 39.4701,
-13.1015

■ 159.9390, 39.4701,
-13.1015

255.0000, 0.0000,
0.0000

■ 132.9990, 38.4545,
-14.0311

■ 210.3900, 21.9927,
-7.3580

■ 107.0590, 37.4389,
-14.9607

■ 235.4970, 9.6150,
-3.9439

■ 81.2220, 36.8656,
-17.7347

■ 55.7760, 36.5924,
-23.4826

■ 31.8140, 35.5877,
-27.9009

■ 17.3380, 30.8924,
-15.2054

■ 9.3190, 23.0137,

-8.1728

■ 5.0500, 14.2723,
-4.4289

■ 0.7980, 3.0576,
-0.6998

■ 159.9390, 39.4701,
-13.1015

■ 159.9390, 39.4701,
-13.1015

■ 139.8490, 49.3744,
-16.5306

■ 180.0290, 29.5657,
-9.6724

■ 119.7590, 59.2788,
-19.9596

■ 200.1190, 19.6613,
-6.2434

■ 99.0820, 69.4726,
-22.8739

■ 220.7960, 9.4676,
-3.3291

■ 78.9920, 79.3769,
-26.3030

■ 240.8860, -0.4368,
0.1000

■ 58.9020, 89.2813,
-29.7321

■ 253.2900, -6.5520,
1.4997

■ 38.8120, 99.1857,
-33.1611

■ 37.9260, 99.6225,
-33.2611

Harmonies

Analogous

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



138.3320, 53.0803, -85.3602



159.9390, 39.4701, -13.1015



164.2240, 24.0466, 34.0066

Triad

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



159.9390, 39.4701, -13.1015



158.3670, -33.2119, 59.3141



123.0050, 11.8295, -107.8754

Complementary

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



159.9390, 39.4701, -13.1015



225.0610, -39.4701, 13.1015

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.



145.0680, -20.2465, -39.5246



159.9390, 39.4701, -13.1015



155.7970, -42.2979, 33.5040

Square

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



159.9390, 39.4701, -13.1015



159.4390, -15.4994, 71.5290



152.0270, -37.9743, -0.0237



128.1350, 31.4854, -112.3744

Rectangle

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



159.9390, 39.4701, -13.1015



163.0390, 11.3198, 56.0938



152.0270, -37.9743, -0.0237



134.7610, -1.3612, -76.9664

Sweetspot

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



159.9390, 39.4701, -13.1015



229.2950, 12.6726, -4.6437



210.6830, 10.5093, -57.6040



112.6390, 7.5730, -2.3144



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.



159.9390, 39.4701, -13.1015



152.1910, 50.6848, -16.8305



167.7900, 35.5995, 15.0932



109.9550, 4.9522, -1.7145



29.1940, 76.3194, -25.6031



8.7320, 23.3031, -7.6580

Inverse Universe

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



174.2030, -10.9461, 57.7040



170.5040, -14.0525, 74.1030



217.2100, -35.5995, -15.0932



111.7020, -1.3321, 7.2773



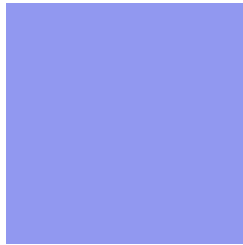
56.6120, -21.0077, 111.7193



17.2000, -6.5076, 34.0276

Previews

White Background



This preview shows how the YUV color 159.9390, 39.4701, -13.1015 looks on a white background.

Color Contrast Check

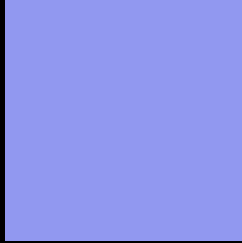
Large Text (above 18pt) WCAG AA × Fail

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 159.9390, 39.4701, -13.1015 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 159.9390, 39.4701, -13.1015

Background



This preview shows how black text looks on a background with the YUV color 159.9390, 39.4701, -13.1015.



This preview shows how white text looks on a background with the YUV color 159.9390, 39.4701, -13.1015.

-13.1015.

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

159.9390, 39.4701, -13.1015

Protanopia

157.5460, 42.1288, -25.9118

Deuteranopia

156.4700, 40.6873, -30.2302



Tritanopia

156.0170, 10.8376, -22.8169

Trichromacy



Original Color

159.9390, 39.4701, -13.1015

Protanomaly

158.6390, 41.0970, -21.6084

Deuteranomaly

157.6880, 40.0868, -24.2824

Tritanomaly

157.1990, 21.5939, -19.4685

Monochromacy



Original Color

159.9390, 39.4701, -13.1015

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.0500, 14.2724, -4.4288

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.9390, 39.4701, -13.1015 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(145, 152, 240)` looks like.

```
.text, #text, p{  
    color:rgb(145, 152, 240)  
}
```

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(145, 152, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 152, 240) }
```

Border

The CSS property to change the border of an element to YUV 159.9390, 39.4701, -13.1015 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(145, 152, 240) }
```


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

```
.border{ border-color:rgb(145, 152, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 152, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 152, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 152, 240);  
box-shadow:4px 4px 4px 4px rgb(145, 152,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 159.9390, 39.4701, -13.1015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 152, 240) }
```

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

```
.background{ background-color: rgb(145,  
152, 240) }
```

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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