

Converting Colors

YUV(119.3280, 66.3933,
-15.1967)

Have a look what the booklet for
YUV(119.3280, 66.3933, -15.1967)
contains.

YUV(119.3280, 66.3933, -15.1967)	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(119.3280, 66.3933,
-15.1967)**

Conversions

Conversions Part 1

Format	Color
Hex	6666FE
RGB	102, 102, 254
RGB Percent	40%, 40%, 100%
CMY	0.6000, 0.6000, 0.0039
CMYK	0.60, 0.60, 0.00, 0.00
HSL	240°, 99%, 70%
HSV	240°, 60%, 100%
XYZ	28.1203, 19.4833, 96.0445
YIQ	119.3280, -48.7920, 47.2720

Conversions

Conversions Part 2

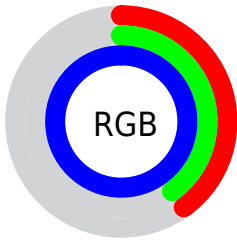
Format	Color
R _{YB}	102, 102, 254
Decimal	6711038
CIE _{Lab}	51.25, 43.31, -75.86
CIE _{LCh}	51, 87.354, 299.720
Yxy	19.4833, 0.1958, 0.1356
Android (android.graphics.Color)	4284901118 (0xFF6666FE)
YUV	119.3280, 66.3933, -15.1967
Hunter-Lab	44.1399, 36.4725, -98.1119

Details

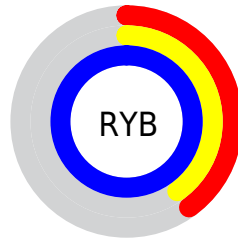
The YUV color **119.3280, 66.3933, -15.1967** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **236.6720, -66.3933, 15.1967**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.2160, 42.7845, -2.8204**, and **57.6190, 68.2218, -41.7619** is the 20% darker color. If you saturate the color by 10%, you get **97.1780, 77.3132, -17.6961**, and if you desaturate by 10%, it is **141.4780, 55.4733, -12.6972**.

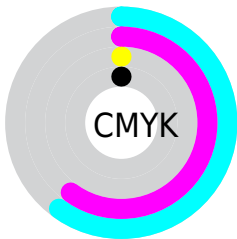
Distribution



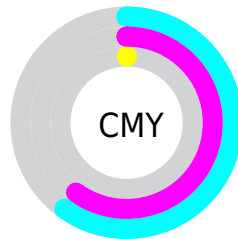
- Red (40%)
- Green (40%)
- Blue (100%)



- Red (40%)
- Yellow (40%)
- Blue (100%)



- Cyan (60%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.3280, 66.3933, -15.1967 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 119.3280, 66.3933, -15.1967 by changing the saturation by 10% instead.

■ 119.3280, 66.3933,
-15.1967

■ 119.3280, 66.3933,
-15.1967

255.0000, 0.0000,
0.0000

■ 91.4690, 65.8308,
-21.4593

■ 168.2160, 42.7845,
-2.8204

■ 57.6190, 68.2218,
-41.7619

■ 193.3340, 30.4013,
2.3381

■ 38.5230, 63.8322,
-33.7847

■ 219.0390, 17.7288,
6.9818

■ 23.7050, 57.8264,
-20.7893

■ 243.8470, 5.4984,
9.7812

■ 12.9960, 49.7950,
-11.3975

■ 14.8420, 36.5599,
-13.0164

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 119.3280, 66.3933,
-15.1967

■ 119.3280, 66.3933,
-15.1967

■ 97.1780, 77.3132,
-17.6961

■ 141.4780, 55.4733,
-12.6972

■ 74.1420, 88.6700,
-20.2955

■ 164.5140, 44.1166,
-10.0978

■ 51.9920, 99.5899,
-22.7950

■ 186.6640, 33.1966,
-7.5983

■ 28.9560, 110.9467,
-25.3944

■ 209.7000, 21.8399,
-4.9989

■ 231.8500, 10.9200,
-2.4994

■ 254.0000, 0.0000,
0.0000

■ 254.8860, -0.4368,
0.1000

Harmonies

Analogous

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



107.1410, 72.8945, -93.9627



119.3280, 66.3933, -15.1967



112.7550, 42.5188, 82.6529

Triad

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



119.3280, 66.3933, -15.1967



111.1900, -54.8167, 82.2714



102.7900, 7.9915, -90.1468

Complementary

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



119.3280, 66.3933, -15.1967



236.6720, -66.3933, 15.1967

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.



90.9800, -27.1051, -79.7895



119.3280, 66.3933, -15.1967



114.7030, -56.5486, 30.9555

Square

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



119.3280, 66.3933, -15.1967



89.8410, -18.1626, 132.5664



102.5340, -50.5493, -26.7783



111.4540, 41.1882, -97.7452

Rectangle

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



119.3280, 66.3933, -15.1967



88.3760, 30.8736, 131.2202



102.5340, -50.5493, -26.7783



99.2390, -3.0758, -87.0326

Sweetspot

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



119.3280, 66.3933, -15.1967



214.2440, 20.0927, -4.5990



208.5520, 22.4059, -93.4461



102.3060, 12.6671, -2.8994



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.



119.3280, 66.3933, -15.1967



91.9760, 80.3708, -18.3960



142.0520, 55.1904, 31.5264



116.4820, 5.6784, -1.2997



21.7740, 83.4284, -19.0958



7.2960, 27.9551, -6.3986

Inverse Universe

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



164.7760, 43.9874, 78.2494



146.9920, 53.2479, 94.7230



213.9480, -55.1904, -31.5264



120.3690, 3.7621, 6.6924



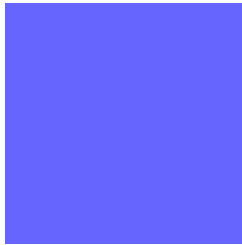
78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 119.3280, 66.3933, -15.1967 looks on a white background.

Color Contrast Check

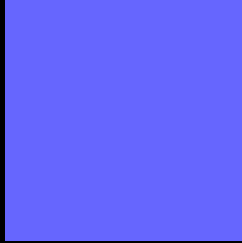
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.3280, 66.3933, -15.1967 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 119.3280, 66.3933, -15.1967 Background



This preview shows how black text looks on a background with the YUV color 119.3280, 66.3933, -15.1967.



This preview shows how white text looks on a background with the YUV color 119.3280, 66.3933, -15.1967.

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

119.3280, 66.3933, -15.1967

Protanopia

96.9510, 74.4672, -85.0260

Deuteranopia

97.2980, 58.0271, -85.3303



Tritanopia

109.6220, 16.4554, -51.4115

Trichromacy



Original Color

119.3280, 66.3933, -15.1967

Protanomaly

105.3070, 71.3336, -59.9052

Deuteranomaly

105.2610, 61.0033, -59.8649

Tritanomaly

113.4060, 34.3098, -38.0671

Monochromacy



Original Color

119.3280, 66.3933, -15.1967

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.2700, 24.0239, -5.4988

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.3280, 66.3933, -15.1967 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(102, 102, 254)` looks like.

```
.text, #text, p{  
    color:rgb(102, 102, 254)  
}
```

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(102, 102, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 102, 254) }
```

Border

The CSS property to change the border of an element to YUV 119.3280, 66.3933, -15.1967 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(102, 102, 254) }
```


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

```
.border{ border-color:rgb(102, 102, 254) }
```

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

Here you see how a box with a 4 pixel rgb(102, 102, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 102, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 102, 254);  
box-shadow:4px 4px 4px 4px rgb(102, 102,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 119.3280, 66.3933, -15.1967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 102, 254) }
```

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

```
.background{ background-color: rgb(102,  
102, 254) }
```

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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