

Converting Colors

YUV(119.2820, 39.3010,
-5.5093)

Have a look what the booklet for
YUV(119.2820, 39.3010, -5.5093)
contains.

YUV(119.2820, 39.3010, -5.5093)	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(119.2820, 39.3010,
-5.5093)**

Conversions

Conversions Part 1

Format	Color
Hex	716BC7
RGB	113, 107, 199
RGB Percent	44%, 42%, 78%
CMY	0.5569, 0.5804, 0.2196
CMYK	0.43, 0.46, 0.00, 0.22
HSL	244°, 45%, 60%
HSV	244°, 46%, 78%
XYZ	22.3765, 18.1496, 56.3567
YIQ	119.2820, -25.9560, 29.8840

Conversions

Conversions Part 2

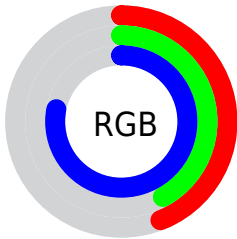
Format	Color
R _Y B	113, 107, 199
Decimal	7433159
CIE _{Lab}	49.68, 25.65, -47.34
CIE _{LCh}	50, 53.844, 298.444
Yxy	18.1496, 0.2310, 0.1873
Android (android.graphics.Color)	4285623239 (0xFF716BC7)
YUV	119.2820, 39.3010, -5.5093
Hunter-Lab	42.6024, 19.2015, -48.6103

Details

The YUV color **119.2820, 39.3010, -5.5093** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **186.7180, -39.3010, 5.5093**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.3470, 40.7479, -2.9353**, and **68.9780, 36.9858, -9.6277** is the 20% darker color. If you saturate the color by 10%, you get **101.8610, 47.8895, -6.8941**, and if you desaturate by 10%, it is **136.7030, 30.7124, -4.1245**.

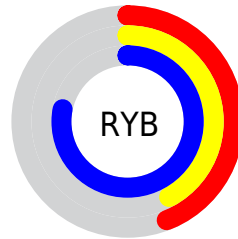
Distribution



Red (44%)

Green (42%)

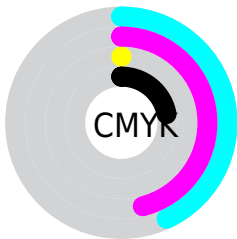
Blue (78%)



Red (44%)

Yellow (42%)

Blue (78%)

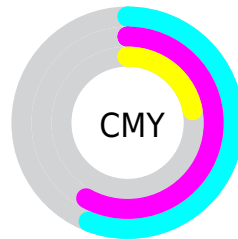


Cyan (43%)

Magenta (46%)

Yellow (0%)

Black (22%)



Cyan (56%)

Magenta (58%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.2820, 39.3010, -5.5093 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 119.2820, 39.3010, -5.5093 by changing the saturation by 10% instead.

■ 119.2820, 39.3010,
-5.5093

■ 119.2820, 39.3010,
-5.5093

■ 255.0000, 0.0000,
0.0000

■ 93.9290, 37.9960,
-6.9537

■ 172.3470, 40.7479,
-2.9353

■ 68.9780, 36.9858,
-9.6277

■ 196.5680, 28.8070,
0.3789

■ 43.5320, 36.7127,
-15.3756

■ 221.6750, 16.4292,
3.7930

■ 21.1680, 35.4132,
-18.5643

■ 246.7820, 4.0515,
7.2072

■ 7.8660, 30.1391,
-6.8985

■ 7.0050, 19.2245,
-6.1434

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 119.2820, 39.3010,
-5.5093

■ 119.2820, 39.3010,
-5.5093

■ 101.8610, 47.8895,
-6.8941

■ 136.7030, 30.7124,
-4.1245

■ 84.7390, 56.3307,
-7.6641

■ 153.8250, 22.2713,
-3.3545

■ 67.3180, 64.9192,
-9.0489

■ 171.2460, 13.6827,
-1.9697

■ 50.1960, 73.3604,
-9.8189

■ 188.3680, 5.2416,
-1.1997

■ 33.3620, 81.6595,
-11.7185

■ 205.7890, -3.3470,
0.1850

■ 26.5730, 85.0065,
-11.9035

■ 222.6230,
-11.6461, 2.0846

■ 239.7450,
-20.0873, 2.8546

■ 248.6160,
-24.4607, 5.5988

Harmonies

Analogous

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



96.7280, 55.8431, -84.8305



119.2820, 39.3010, -5.5093



120.6490, 22.8510, 44.1578

Triad

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



119.2820, 39.3010, -5.5093



114.4930, -37.7110, 55.6956



94.5890, 9.5696, -82.9546

Complementary

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



119.2820, 39.3010, -5.5093



186.7180, -39.3010, 5.5093

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.



94.1620, -12.8979, -63.2861



119.2820, 39.3010, -5.5093



111.4020, -49.9912, 27.7114

Square

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



119.2820, 39.3010, -5.5093



114.3530, -18.4150, 73.3584



107.6300, -39.2576, -8.4455



99.8330, 29.6623, -87.5535

Rectangle

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



119.2820, 39.3010, -5.5093



117.7520, 9.9823, 65.1155



107.6300, -39.2576, -8.4455



92.7650, 2.5809, -81.3549

Sweetspot

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



119.2820, 39.3010, -5.5093



224.0010, 15.2825, -1.7549



168.5570, 15.0084, -53.9855



108.8070, 9.4621, -1.5847



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.



119.2820, 39.3010, -5.5093



133.6510, 59.8251, -8.4639



132.7370, 32.6677, 22.1557



91.0260, 3.9312, -0.8998



21.8710, 69.5766, -9.5339



4.7020, 15.4299, -2.3697

Inverse Universe

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



144.3120, 24.0032, 47.9614



171.7940, 36.5836, 72.9717



173.2630, -32.6677, -22.1557



93.7170, 2.6045, 4.6332



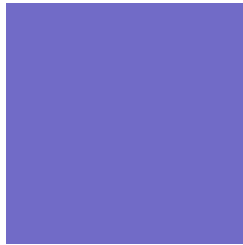
66.1790, 42.8028, 84.9120



14.5260, 9.1077, 18.8327

Previews

White Background



This preview shows how the YUV color 119.2820, 39.3010, -5.5093 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 119.2820, 39.3010, -5.5093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

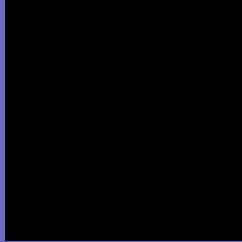
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.2820, 39.3010, -5.5093

Background



This preview shows how black text looks on a background with the YUV color 119.2820, 39.3010, -5.5093.



This preview shows how white text looks on a background with the YUV color 119.2820, 39.3010, -5.5093.

-5.5093.

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

119.2820, 39.3010, -5.5093

Protanopia

113.8270, 45.9343, -33.1743

Deuteranopia

111.9310, 41.4460, -40.2815



Tritanopia

115.3660, 8.2006, -16.9840

Trichromacy



Original Color

119.2820, 39.3010, -5.5093

Protanomaly

115.6110, 43.5758, -23.3378

Deuteranomaly

114.7800, 40.5345, -27.8711

Tritanomaly

116.9610, 19.2462, -13.1208

Monochromacy



Original Color

119.2820, 39.3010, -5.5093

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.3600, 14.1195, -2.0697

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.2820, 39.3010, -5.5093 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(113, 107, 199)` looks like.

```
.text, #text, p{  
    color:rgb(113, 107, 199)  
}
```

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(113, 107, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 107, 199) }
```

Border

The CSS property to change the border of an element to YUV 119.2820, 39.3010, -5.5093 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(113, 107, 199) }
```


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

```
.border{ border-color:rgb(113, 107, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 107, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 107, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 107, 199); box-shadow:4px 4px 4px 4px rgb(113, 107, 199) }
```

Background

The CSS property to change the background color of an element to YUV 119.2820, 39.3010, -5.5093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 107, 199) }
```

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

```
.background{ background-color: rgb(113,  
107, 199) }
```

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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