

Converting Colors

YUV(51.0240, 84.2912,
-15.8070)

Have a look what the booklet for
YUV(51.0240, 84.2912, -15.8070)
contains.

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Color

**YUV(51.0240, 84.2912,
-15.8070)**

Conversions

Conversions Part 1

Format	Color
Hex	211BDE
RGB	33, 27, 222
RGB Percent	13%, 11%, 87%
CMY	0.8706, 0.8941, 0.1294
CMYK	0.85, 0.88, 0.00, 0.13
HSL	242°, 78%, 49%
HSV	242°, 88%, 87%
XYZ	14.2039, 6.3811, 69.5903
YIQ	51.0240, -59.0190, 61.9170

Conversions

Conversions Part 2

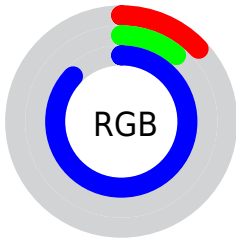
Format	Color
R_{YB}	33, 27, 222
Decimal	2169822
CIE _{Lab}	30.35, 65.53, -92.36
CIE _{LCh}	30, 113.242, 305.358
Yxy	6.3811, 0.1575, 0.0708
Android (android.graphics.Color)	4280359902 (0xFF211BDE)
YUV	51.0240, 84.2912, -15.8070
Hunter-Lab	25.2609, 56.1622, -145.6532




Details

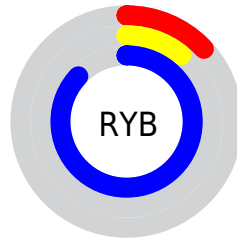
The YUV color **51.0240, 84.2912, -15.8070** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **197.9760, -84.2912, 15.8070**, and the grayscale version is **50.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **111.6110, 70.6908, 6.4802**, and **18.8100, 72.0717, -16.4964** is the 20% darker color. If you saturate the color by 10%, you get **31.5320, 93.9007, -18.0066**, and if you desaturate by 10%, it is **70.5160, 74.6816, -13.6075**.

Distribution







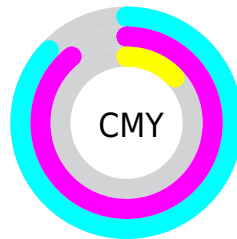
-  Red (13%)
-  Green (11%)
-  Blue (87%)






-  Red (13%)
-  Yellow (11%)
-  Blue (87%)



-  Cyan (85%)
-  Magenta (88%)
-  Yellow (0%)
-  Black (13%)



-  Cyan (87%)
-  Magenta (89%)
-  Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.0240, 84.2912, -15.8070 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 51.0240, 84.2912, -15.8070 by changing the saturation by 10% instead.

■ 51.0240, 84.2912,
-15.8070

■ 51.0240, 84.2912,
-15.8070

255.0000, 0.0000,
0.0000

■ 22.0020, 84.3020,
-19.2958

■ 111.6110, 70.6908,
6.4802

■ 18.8100, 72.0717,
-16.4964

■ 137.3270, 58.0128,
12.8682

■ 15.7320, 60.2781,
-13.7970

■ 162.1570, 45.7716,
19.1563

■ 13.8280, 47.9058,
-12.1272

■ 187.5740, 33.2410,
24.9296

■ 16.7340, 33.6551,
-14.6757

■ 213.5780, 20.4210,
30.1881


■ 10.4760, 24.9083,
-9.1875


■ 232.6940, 10.9969,

■ 6.0930, 15.7302,


19.5624


-5.3436


 249.7170, 2.6045,
4.6332


 2.4110, 6.6994,
-2.1144


 0.0000, 0.0000,
0.0000


 51.0240, 84.2912,
-15.8070


 51.0240, 84.2912,
-15.8070


 31.5320, 93.9007,
-18.0066

 70.5160, 74.6816,
-13.6075

 27.4010, 95.9373,
-17.8917

 89.7090, 65.2195,
-12.0228

 109.7880, 55.3205,
-10.3381

 128.9810, 45.8584,
-8.7533

■ 148.4730, 36.2488,
-6.5538

■ 167.6660, 26.7867,
-4.9691

■ 187.1580, 17.1771,
-2.7696

■ 206.9380, 7.4256,
-1.6996

■ 226.4300, -2.1840,
0.4999

Harmonies

Analogous

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



78.9650, 86.7853, -69.2523



51.0240, 84.2912, -15.8070



70.0940, 38.4077, 94.6336

Triad

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



51.0240, 84.2912, -15.8070



56.2580, -27.7352, 76.0727



66.7430, 9.4937, -58.5336

Complementary

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



51.0240, 84.2912, -15.8070



197.9760, -84.2912, 15.8070

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.



55.7650, -27.4921, -48.9059



51.0240, 84.2912, -15.8070



66.1510, -32.6124, 6.8836

Square

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



51.0240, 84.2912, -15.8070



56.8100, -28.0073, 116.8076



52.8300, -26.0452, -46.3319



78.6500, 47.5006, -68.9760

Rectangle

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



51.0240, 84.2912, -15.8070



71.5550, 9.0934, 117.0313



52.8300, -26.0452, -46.3319



62.6220, -3.7576, -54.9195

Sweetspot

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



51.0240, 84.2912, -15.8070



197.1220, 28.5339, -5.3690



161.9340, 29.6125, -118.3371



92.8590, 17.3245, -3.3843



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.



51.0240, 84.2912, -15.8070



31.4620, 110.2042, -20.5762



79.4290, 70.2875, 42.5968



102.2540, 4.8048, -1.0998



21.5590, 76.1394, -14.5222



5.7710, 20.8189, -4.1842

Inverse Universe

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



106.8510, 53.8105, 100.9857



104.4030, 70.3003, 132.0736



169.5710, -70.2875, -42.5968



105.5430, 3.1833, 5.6628



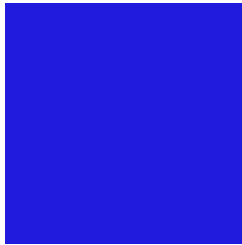
72.1180, 48.7488, 91.1045



19.7100, 13.4540, 24.8103

Previews

White Background



This preview shows how the YUV color 51.0240, 84.2912, -15.8070 looks on a white background.

Color Contrast Check

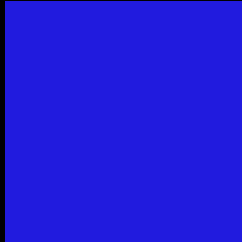
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 51.0240, 84.2912, -15.8070 looks on a black 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

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

YUV 51.0240, 84.2912, -15.8070

Background



This preview shows how black text looks on a background with the YUV color 51.0240, 84.2912, -15.8070.



This preview shows how white text looks on a background with the YUV color 51.0240, 84.2912, -15.8070.

-15.8070.

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

51.0240, 84.2912, -15.8070

Protanopia

56.9190, 42.9309, -49.9180

Deuteranopia

57.3460, 31.8744, -50.2924



Tritanopia

55.8350, 13.3923, -48.9673

Trichromacy



Original Color

51.0240, 84.2912, -15.8070

Protanomaly

54.8940, 57.7333, -37.6180

Deuteranomaly

55.0590, 50.7499, -37.7627

Tritanomaly

54.0840, 39.3986, -36.9077

Monochromacy



Original Color

51.0240, 84.2912, -15.8070

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.6920, 30.7178, -5.8689

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.0240, 84.2912, -15.8070 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(33, 27, 222)` looks like.

```
.text, #text, p{  
    color:rgb(33, 27, 222)  
}
```

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(33, 27, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 27, 222) }
```

Border

The CSS property to change the border of an element to YUV 51.0240, 84.2912, -15.8070 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(33, 27, 222) }
```


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

```
.border{ border-color:rgb(33, 27, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 27, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 27, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 27, 222);  
box-shadow:4px 4px 4px 4px rgb(33, 27,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 51.0240, 84.2912, -15.8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 27, 222) }
```

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

```
.background{ background-color: rgb(33, 27,  
222) }
```

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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