

Converting Colors

YUV(140.4350, 33.8025,
-15.2905)

Have a look what the booklet for
YUV(140.4350, 33.8025, -15.2905)
contains.

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Color

**YUV(140.4350, 33.8025,
-15.2905)**

Conversions

Conversions Part 1

Format	Color
Hex	7B88D1
RGB	123, 136, 209
RGB Percent	48%, 53%, 82%
CMY	0.5176, 0.4667, 0.1804
CMYK	0.41, 0.35, 0.00, 0.18
HSL	231°, 48%, 65%
HSV	231°, 41%, 82%
XYZ	28.4812, 26.4227, 63.9206
YIQ	140.4350, -31.1810, 19.9470

Conversions

Conversions Part 2

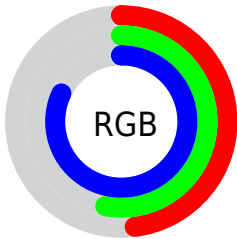
Format	Color
R_{YB}	123, 134, 209
Decimal	8095953
CIE _{Lab}	58.44, 13.74, -39.13
CIE _{LCh}	58, 41.470, 289.352
Yxy	26.4227, 0.2397, 0.2224
Android (android.graphics.Color)	4286286033 (0xFF7B88D1)
YUV	140.4350, 33.8025, -15.2905
Hunter-Lab	51.4030, 8.9472, -37.7460

Details

The YUV color $140.4350, 33.8025, -15.2905$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $191.5650, -33.8025, 15.2905$, and the grayscale version is $140.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $193.2350, 30.4501, -13.3611$, and $89.2560, 31.9188, -17.7645$ is the 20% darker color. If you saturate the color by 10%, you get $123.5900, 42.1071, -18.9344$, and if you desaturate by 10%, it is $157.2800, 25.4980, -11.6466$.

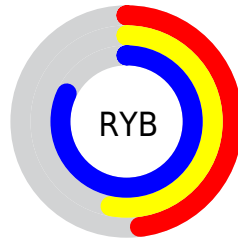
Distribution



Red (48%)

Green (53%)

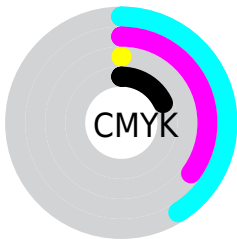
Blue (82%)



Red (48%)

Yellow (53%)

Blue (82%)

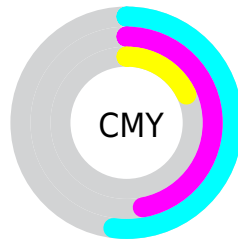


Cyan (41%)

Magenta (35%)

Yellow (0%)

Black (18%)



Cyan (52%)

Magenta (47%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.4350, 33.8025, -15.2905 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 140.4350, 33.8025, -15.2905 by changing the saturation by 10% instead.

■ 140.4350, 33.8025,
-15.2905

■ 140.4350, 33.8025,
-15.2905

■ 255.0000, 0.0000,
0.0000

■ 114.4950, 32.7870,
-16.2201

■ 193.2350, 30.4501,
-13.3611

■ 89.2560, 31.9188,
-17.7645

■ 218.3420, 18.0724,
-9.9469

■ 63.5330, 31.7822,
-20.6384

■ 243.4490, 5.6946,
-6.5328

■ 36.2820, 32.3990,
-31.8193

■ 21.8060, 27.7036,
-19.1239

■ 6.2700, 24.0239,
-5.4988

■ 4.8220, 13.3988,

-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 140.4350, 33.8025,
-15.2905

■ 140.4350, 33.8025,
-15.2905

■ 123.5900, 42.1071,
-18.9344

■ 157.2800, 25.4980,
-11.6466

■ 107.3320, 50.1223,
-23.0932

■ 173.5380, 17.4828,
-7.4878

■ 90.4870, 58.4269,
-26.7371

■ 190.3830, 9.1782,
-3.8439

■ 73.6420, 66.7315,
-30.3810

■ 207.2280, 0.8736,
-0.2000

■ 56.7970, 75.0361,
-34.0250

■ 224.0730, -7.4310,
3.4440

■ 42.6100, 82.0303,
-37.3690

■ 240.0320,
-15.2988, 6.9879

■ 249.7560,
-20.0927, 4.5990

Harmonies

Analogous

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



123.1890, 43.2908, -72.0798



140.4350, 33.8025, -15.2905



144.7730, 21.3109, 24.7551

Triad

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



140.4350, 33.8025, -15.2905



140.4460, -26.3489, 51.3519



117.2760, 4.3009, -73.0331

Complementary

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



140.4350, 33.8025, -15.2905



191.5650, -33.8025, 15.2905

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.



129.8890, -18.6793, -28.8437



140.4350, 33.8025, -15.2905



138.4360, -34.7249, 31.1896

Square

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



140.4350, 33.8025, -15.2905



141.3990, -11.5357, 60.1631



135.2430, -32.1648, 3.2949



111.9150, 25.1849, -98.1495

Rectangle

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



140.4350, 33.8025, -15.2905



143.9620, 11.3577, 43.8833



135.2430, -32.1648, 3.2949



123.3940, -4.6312, -54.7195

Sweetspot

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



140.4350, 33.8025, -15.2905



230.4690, 12.0938, -5.6733



181.6900, 6.5618, -51.4711



113.2260, 7.2836, -2.8292



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.



140.4350, 33.8025, -15.2905



155.4030, 49.1013, -22.2784



141.4750, 33.2898, 9.2304



96.4280, 4.2260, -2.1294



33.8270, 66.1473, -29.6663



8.1960, 16.1724, -7.1879

Inverse Universe

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



150.1960, -6.9986, 51.5711



169.5410, -10.1267, 74.9475



190.5250, -33.2898, -9.2304



97.5170, -0.7479, 6.5626



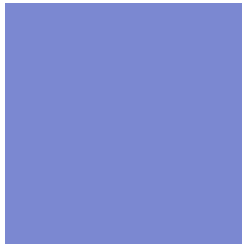
53.0820, -13.8444, 100.7831



12.9430, -3.4229, 24.6060

Previews

White Background



This preview shows how the YUV color 140.4350, 33.8025, -15.2905 looks on a white background.

Color Contrast Check

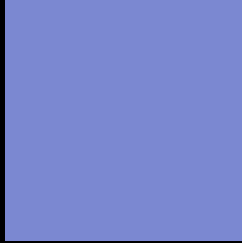
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.4350, 33.8025, -15.2905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

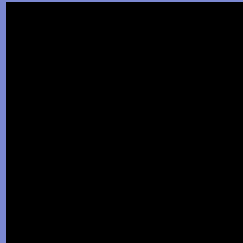
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.4350, 33.8025, -15.2905

Background



This preview shows how black text looks on a background with the YUV color 140.4350, 33.8025, -15.2905.



This preview shows how white text looks on a background with the YUV color 140.4350, 33.8025, -15.2905.

-15.2905.

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

140.4350, 33.8025, -15.2905

Protanopia

139.4450, 35.2766, -21.4383

Deuteranopia

138.1950, 34.4139, -24.7270



Tritanopia

136.6040, 10.5482, -23.3317

Trichromacy



Original Color

140.4350, 33.8025, -15.2905

Protanomaly

139.6410, 34.6870, -18.9792

Deuteranomaly

139.1030, 33.9662, -21.1383

Tritanomaly

137.9170, 19.2679, -20.0982

Monochromacy



Original Color

140.4350, 33.8025, -15.2905

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.4690, 12.0938, -5.6733

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.4350, 33.8025, -15.2905 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(123, 136, 209)` looks like.

```
.text, #text, p{  
    color:rgb(123, 136, 209)  
}
```

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(123, 136, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 136, 209) }
```

Border

The CSS property to change the border of an element to YUV 140.4350, 33.8025, -15.2905 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(123, 136, 209) }
```


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

```
.border{ border-color:rgb(123, 136, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 136, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 136, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 136, 209);  
box-shadow:4px 4px 4px 4px rgb(123, 136,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 140.4350, 33.8025, -15.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 136, 209) }
```

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

```
.background{ background-color: rgb(123,  
136, 209) }
```

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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