

Converting Colors

YUV(159.3640, 34.8235,
-16.1052)

Have a look what the booklet for
YUV(159.3640, 34.8235, -16.1052)
contains.

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Color

**YUV(159.3640, 34.8235,
-16.1052)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9BE6
RGB	141, 155, 230
RGB Percent	55%, 61%, 90%
CMY	0.4471, 0.3922, 0.0980
CMYK	0.39, 0.33, 0.00, 0.10
HSL	231°, 64%, 73%
HSV	231°, 39%, 90%
XYZ	36.9888, 34.8186, 79.6341
YIQ	159.3640, -32.4190, 20.3570

Conversions

Conversions Part 2

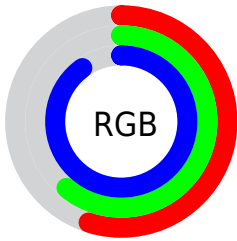
Format	Color
R _Y B	141, 153, 230
Decimal	9280486
CIE Lab	65.61, 13.29, -39.49
CIE LCh	66, 41.669, 288.600
Yxy	34.8186, 0.2442, 0.2299
Android (android.graphics.Color)	4287470566 (0xFF8D9BE6)
YUV	159.3640, 34.8235, -16.1052
Hunter-Lab	59.0073, 8.6302, -38.7105

Details

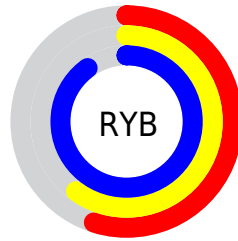
The YUV color $159.3640, 34.8235, -16.1052$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $211.6360, -34.8235, 16.1052$, and the grayscale version is $159.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $210.6560, 21.8616, -11.9763$, and $106.5980, 33.2292, -18.0644$ is the 20% darker color. If you saturate the color by 10%, you get $141.3340, 43.7123, -20.4639$, and if you desaturate by 10%, it is $177.3940, 25.9348, -11.7465$.

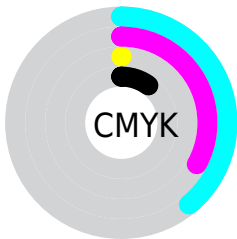
Distribution



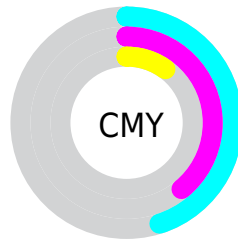
- Red (55%)
- Green (61%)
- Blue (90%)



- Red (55%)
- Yellow (60%)
- Blue (90%)



- Cyan (39%)
- Magenta (33%)
- Yellow (0%)
- Black (10%)



- Cyan (45%)
- Magenta (39%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.3640, 34.8235, -16.1052 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 159.3640, 34.8235, -16.1052 by changing the saturation by 10% instead.

■ 159.3640, 34.8235,
-16.1052

■ 159.3640, 34.8235,
-16.1052

255.0000, 0.0000,
0.0000

■ 132.8370, 34.0974,
-16.5200

■ 210.6560, 21.8616,
-11.9763

■ 106.5980, 33.2292,
-18.0644

■ 236.3500, 9.1945,
-9.0769

■ 81.3590, 32.3610,
-19.6088

■ 56.2120, 31.9405,
-24.7419

■ 32.0760, 31.5145,
-28.1307

■ 17.6000, 26.8192,
-15.4352

■ 7.9340, 20.2455,

-6.9581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 159.3640, 34.8235,
-16.1052

■ 159.3640, 34.8235,
-16.1052

■ 141.3340, 43.7123,
-20.4639

■ 177.3940, 25.9348,
-11.7465

■ 122.7170, 52.8905,
-24.3078

■ 196.0110, 16.7566,
-7.9026

■ 104.6870, 61.7793,
-28.6665

■ 214.0410, 7.8678,
-3.5440

■ 86.0700, 70.9575,
-32.5104

■ 232.6580, -1.3104,
0.2999

■ 68.0400, 79.8463,
-36.8691

■ 250.3890,
-10.0518, 4.0438

■ 50.0100, 88.7351,
-41.2278

■ 252.1500,
-10.9200, 2.4994

■ 47.3520, 90.0455,
-41.5277

Harmonies

Analogous

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



144.8090, 42.9852, -67.3615



159.3640, 34.8235, -16.1052



164.0010, 22.1845, 24.5551

Triad

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



159.3640, 34.8235, -16.1052



159.6420, -26.9385, 53.8110



139.3260, 1.8113, -67.8149

Complementary

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



159.3640, 34.8235, -16.1052



211.6360, -34.8235, 16.1052

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.



148.8460, -20.1371, -27.9289



159.3640, 34.8235, -16.1052



157.3330, -35.1672, 33.0340

Square

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



159.3640, 34.8235, -16.1052



160.9970, -11.8305, 61.3926



154.0260, -33.0438, 5.2392



125.8210, 27.6962, -110.3450

Rectangle

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



159.3640, 34.8235, -16.1052



163.3750, 11.6471, 44.3981



154.0260, -33.0438, 5.2392



143.6500, -6.2365, -53.1901

Sweetspot

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



159.3640, 34.8235, -16.1052



230.4690, 12.0938, -5.6733



201.6790, 6.5673, -53.2155



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.



159.3640, 34.8235, -16.1052



161.9040, 45.8963, -20.9638



160.1160, 34.4528, 9.5453



105.5420, 4.6628, -2.2293



36.8420, 70.0839, -32.3104



10.5100, 19.9616, -9.2173

Inverse Universe

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



169.2070, -7.0041, 53.3155



175.0350, -9.3843, 70.1293



210.8840, -34.4528, -9.5453



106.8160, -0.8953, 7.1774



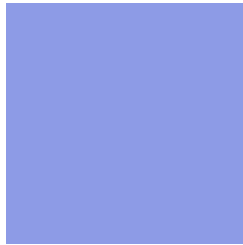
56.7130, -14.1555, 107.2457



16.1610, -4.0234, 30.5538

Previews

White Background



This preview shows how the YUV color 159.3640, 34.8235, -16.1052 looks on a white background.

Color Contrast Check

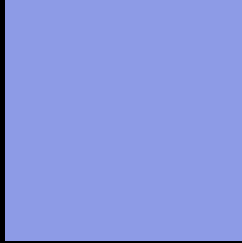
Large Text (above 18pt) WCAG AA × Fail

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 159.3640, 34.8235, -16.1052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

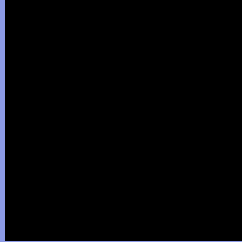
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.3640, 34.8235, -16.1052

Background



This preview shows how black text looks on a background with the YUV color 159.3640, 34.8235, -16.1052.



This preview shows how white text looks on a background with the YUV color 159.3640, 34.8235, -16.1052.

-16.1052.

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

159.3640, 34.8235, -16.1052

Protanopia

158.8580, 35.5660, -20.9235

Deuteranopia

158.0210, 34.9926, -23.6974



Tritanopia

155.4190, 11.1324, -24.0465

Trichromacy



Original Color

159.3640, 34.8235, -16.1052

Protanomaly

158.8690, 35.5606, -19.1791

Deuteranomaly

158.6300, 34.6924, -20.7235

Tritanomaly

156.7320, 19.8521, -20.8130

Monochromacy



Original Color

159.3640, 34.8235, -16.1052

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.2840, 12.6780, -6.3881

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.3640, 34.8235, -16.1052 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(141, 155, 230)` looks like.

```
.text, #text, p{  
    color:rgb(141, 155, 230)  
}
```

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(141, 155, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 155, 230) }
```

Border

The CSS property to change the border of an element to YUV 159.3640, 34.8235, -16.1052 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(141, 155, 230) }
```


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

```
.border{ border-color:rgb(141, 155, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 155, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 155, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 155, 230);  
box-shadow:4px 4px 4px 4px rgb(141, 155,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 159.3640, 34.8235, -16.1052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 155, 230) }
```

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

```
.background{ background-color: rgb(141,  
155, 230) }
```

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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