

Converting Colors

YUV(139.6330, 47.0159,
-6.6941)

Have a look what the booklet for
YUV(139.6330, 47.0159, -6.6941)
contains.

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Color

**YUV(139.6330, 47.0159,
-6.6941)**

Conversions

Conversions Part 1

Format	Color
Hex	847DEB
RGB	132, 125, 235
RGB Percent	52%, 49%, 92%
CMY	0.4824, 0.5098, 0.0784
CMYK	0.44, 0.47, 0.00, 0.08
HSL	244°, 73%, 71%
HSV	244°, 47%, 92%
XYZ	31.8447, 25.5709, 81.8545
YIQ	139.6330, -31.1380, 35.6940

Conversions

Conversions Part 2

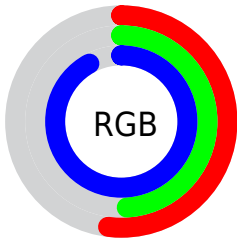
Format	Color
RYB	132, 125, 235
Decimal	8682987
CIELab	57.63, 29.91, -54.91
CIELCh	58, 62.529, 298.579
Yxy	25.5709, 0.2287, 0.1836
Android (android.graphics.Color)	4286873067 (0xFF847DEB)
YUV	139.6330, 47.0159, -6.6941
Hunter-Lab	50.5677, 23.9159, -60.5760

Details

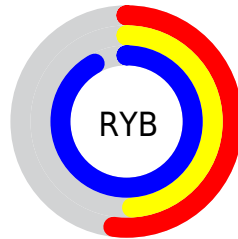
The YUV color **139.6330, 47.0159, -6.6941** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **220.3670, -47.0159, 6.6941**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.0670, 32.0120, -0.9358**, and **87.0300, 44.8482, -11.4273** is the 20% darker color. If you saturate the color by 10%, you get **119.5540, 56.9149, -8.3789**, and if you desaturate by 10%, it is **159.7120, 37.1170, -5.0094**.

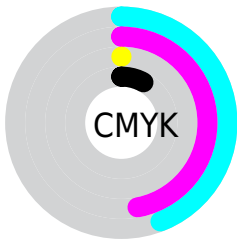
Distribution



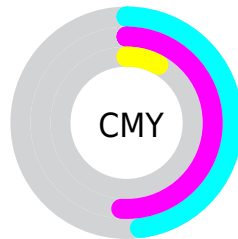
- Red (52%)
- Green (49%)
- Blue (92%)



- Red (52%)
- Yellow (49%)
- Blue (92%)



- Cyan (44%)
- Magenta (47%)
- Yellow (0%)
- Black (8%)



- Cyan (48%)
- Magenta (51%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.6330, 47.0159, -6.6941 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 139.6330, 47.0159, -6.6941 by changing the saturation by 10% instead.

■ 139.6330, 47.0159,
-6.6941

■ 139.6330, 47.0159,
-6.6941

255.0000, 0.0000,
0.0000

■ 113.2800, 45.7110,
-8.1386

■ 190.0670, 32.0120,
-0.9358

■ 87.0300, 44.8482,
-11.4273

■ 214.8860, 19.7762,
3.6080

■ 61.1820, 44.2803,
-15.9456

■ 239.9930, 7.3985,
7.0221

■ 33.0340, 45.3392,
-28.9708

■ 18.9170, 39.4809,
-16.5902

■ 8.5500, 32.7599,
-7.4984

■ 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 139.6330, 47.0159,
-6.6941

■ 139.6330, 47.0159,
-6.6941

■ 119.5540, 56.9149,
-8.3789

■ 159.7120, 37.1170,
-5.0094

■ 98.8880, 67.1032,
-9.5488

■ 180.3780, 26.9286,
-3.8395

■ 78.2220, 77.2916,
-10.7187

■ 200.4570, 17.0297,
-2.1548

■ 58.1430, 87.1905,
-12.4034

■ 221.1230, 6.8414,
-0.9849

■ 37.4770, 97.3788,
-13.5733

■ 241.7890, -3.3470,
0.1850

■ 31.2750, 100.4364,
-14.2732

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



113.9740, 66.0748, -99.9552



139.6330, 47.0159, -6.6941



141.1430, 27.0445, 52.4946

Triad

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



139.6330, 47.0159, -6.6941



133.6100, -45.1637, 66.1170



111.5440, 11.0708, -97.8241

Complementary

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



139.6330, 47.0159, -6.6941



220.3670, -47.0159, 6.6941

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.



105.5140, -13.5644, -82.8888



139.6330, 47.0159, -6.6941



129.1780, -63.6848, 33.1699

Square

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



139.6330, 47.0159, -6.6941



133.3440, -21.3686, 87.3983



125.3280, -47.9827, -9.9347



117.2270, 35.3841, -102.8081

Rectangle

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



139.6330, 47.0159, -6.6941



137.1110, 12.2703, 77.9557



125.3280, -47.9827, -9.9347



108.7910, 3.0610, -95.4097

Sweetspot

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



139.6330, 47.0159, -6.6941



224.0010, 15.2825, -1.7549



199.1750, 17.6617, -65.0515



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.



139.6330, 47.0159, -6.6941



130.9930, 61.1355, -8.7639



155.7790, 39.0560, 26.5038



107.2540, 4.8048, -1.0998



24.2220, 77.2916, -10.7187



7.0530, 23.1449, -3.5545

Inverse Universe

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



169.6320, 28.7754, 57.3277



170.0330, 37.4517, 74.5161



204.2210, -39.0560, -26.5038



110.5430, 3.1833, 5.6628



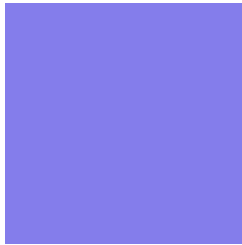
73.4990, 47.5750, 94.2784



21.8460, 13.8799, 28.1991

Previews

White Background



This preview shows how the YUV color 139.6330, 47.0159, -6.6941 looks on a white background.

Color Contrast Check

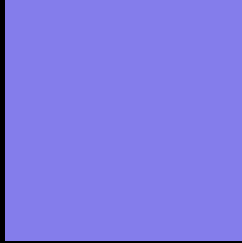
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.6330, 47.0159, -6.6941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

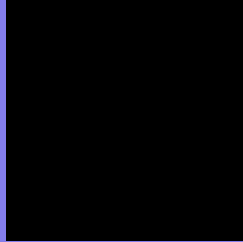
Any Text WCAG AA ✓ Pass

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 139.6330, 47.0159, -6.6941 Background



This preview shows how black text looks on a background with the YUV color 139.6330, 47.0159, -6.6941.



This preview shows how white text looks on a background with the YUV color 139.6330, 47.0159, -6.6941.

-6.6941.

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

139.6330, 47.0159, -6.6941

Protanopia

133.0740, 54.6865, -40.4069

Deuteranopia

130.1670, 50.2037, -49.2585



Tritanopia

134.8000, 9.9586, -20.8726

Trichromacy



Original Color

139.6330, 47.0159, -6.6941

Protanomaly

135.1680, 52.1752, -28.2113

Deuteranomaly

133.6250, 48.9919, -33.8741

Tritanomaly

136.3890, 23.4722, -15.2502

Monochromacy



Original Color

139.6330, 47.0159, -6.6941

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.1580, 17.1771, -2.7696

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.6330, 47.0159, -6.6941 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(132, 125, 235)` looks like.

```
.text, #text, p{  
    color:rgb(132, 125, 235)  
}
```

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(132, 125, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 125, 235) }
```

Border

The CSS property to change the border of an element to YUV 139.6330, 47.0159, -6.6941 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(132, 125, 235) }
```


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

```
.border{ border-color:rgb(132, 125, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 125, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 125, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 125, 235);  
box-shadow:4px 4px 4px 4px rgb(132, 125,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 139.6330, 47.0159, -6.6941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 125, 235) }
```

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

```
.background{ background-color: rgb(132,  
125, 235) }
```

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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