

Converting Colors

YUV(140.9600, 44.3897,
-4.3499)

Have a look what the booklet for
YUV(140.9600, 44.3897, -4.3499)
contains.

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Color

**YUV(140.9600, 44.3897,
-4.3499)**

Conversions

Conversions Part 1

Format	Color
Hex	887EE7
RGB	136, 126, 231
RGB Percent	53%, 49%, 91%
CMY	0.4667, 0.5059, 0.0941
CMYK	0.41, 0.45, 0.00, 0.09
HSL	246°, 69%, 70%
HSV	246°, 45%, 91%
XYZ	32.0380, 25.9255, 78.9168
YIQ	140.9600, -27.7450, 34.7750

Conversions

Conversions Part 2

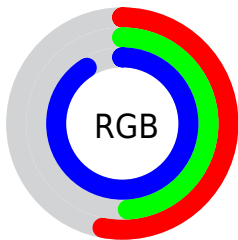
Format	Color
RYB	136, 126, 231
Decimal	8945383
CIELab	57.97, 29.15, -52.12
CIELCh	58, 59.723, 299.218
Yxy	25.9255, 0.2341, 0.1894
Android (android.graphics.Color)	4287135463 (0xFF887EE7)
YUV	140.9600, 44.3897, -4.3499
Hunter-Lab	50.9171, 23.2108, -56.2522

Details

The YUV color $140.9600, 44.3897, -4.3499$ is a light color, and the websafe version is hex $6666CC$. A complement of this color would be $216.0400, -44.3897, 4.3499$, and the grayscale version is $141.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $191.8500, 31.1330, 1.0086$, and $89.0690, 42.3640, -7.9535$ is the 20% darker color. If you saturate the color by 10%, you get $121.1800, 54.1413, -5.4199$, and if you desaturate by 10%, it is $160.7400, 34.6382, -3.2800$.

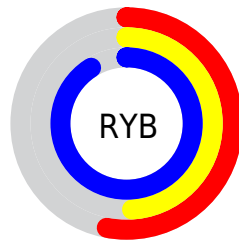
Distribution



Red (53%)

Green (49%)

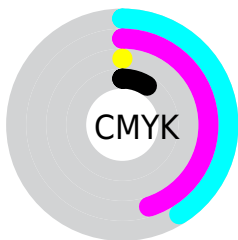
Blue (91%)



Red (53%)

Yellow (49%)

Blue (91%)

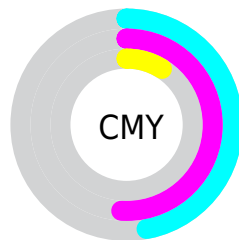


Cyan (41%)

Magenta (45%)

Yellow (0%)

Black (9%)



Cyan (47%)

Magenta (51%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.9600, 44.3897, -4.3499 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 140.9600, 44.3897, -4.3499 by changing the saturation by 10% instead.

■ 140.9600, 44.3897,
-4.3499

■ 140.9600, 44.3897,
-4.3499

255.0000, 0.0000,
0.0000

■ 114.7210, 43.5215,
-5.8943

■ 191.8500, 31.1330,
1.0086

■ 89.0690, 42.3640,
-7.9535

■ 216.3700, 19.0446,
4.9375

■ 63.5200, 41.6486,
-11.8570

■ 242.3630, 6.2300,
8.4516

■ 35.8560, 41.9760,
-23.5527

■ 18.5750, 38.1705,
-16.2903

■ 8.2080, 31.4495,
-7.1984

■ 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 140.9600, 44.3897,
-4.3499

■ 140.9600, 44.3897,
-4.3499

■ 121.1800, 54.1413,
-5.4199

■ 160.7400, 34.6382,
-3.2800

■ 101.4000, 63.8928,
-6.4898

■ 180.5200, 24.8866,
-2.2100

■ 81.6200, 73.6443,
-7.5597

■ 200.3000, 15.1351,
-1.1401

■ 61.8400, 83.3959,
-8.6297

■ 220.0800, 5.3836,
-0.0702

■ 41.4730, 93.4368,
-9.1848

■ 240.4470, -4.6574,
0.4850

■ 32.9120, 97.6574,
-9.5698

■ 252.2640,
-10.4832, 2.3995

Harmonies

Analogous

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



113.5180, 64.3276, -99.5553



140.9600, 44.3897, -4.3499



142.6760, 25.3027, 51.1501

Triad

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



140.9600, 44.3897, -4.3499



135.3430, -43.5531, 62.8432



111.7720, 11.9444, -98.0240

Complementary

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



140.9600, 44.3897, -4.3499



216.0400, -44.3897, 4.3499

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.



111.7540, -14.1757, -73.4523



140.9600, 44.3897, -4.3499



131.7030, -56.5486, 30.9555

Square

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



140.9600, 44.3897, -4.3499



134.9090, -21.6471, 83.3948



127.3540, -44.0515, -10.8345



117.2270, 35.3841, -102.8081

Rectangle

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



140.9600, 44.3897, -4.3499



138.6330, 10.5339, 74.8669



127.3540, -44.0515, -10.8345



109.1330, 4.3714, -95.7096

Sweetspot

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



140.9600, 44.3897, -4.3499



224.3000, 15.1351, -1.1401



194.3220, 18.0823, -59.9184



109.1060, 9.3147, -0.9700



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.



140.9600, 44.3897, -4.3499



134.8470, 59.2354, -6.0048



156.2090, 36.8720, 27.0037



104.6670, 5.0942, -0.5850



25.4890, 75.6809, -7.4449



7.3090, 21.5397, -2.0250

Inverse Universe

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



168.2250, 26.0181, 55.0537



171.3380, 34.8364, 73.3716



200.7910, -36.8720, -27.0037



107.8420, 3.0359, 6.2776



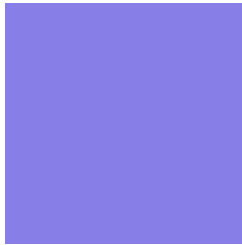
71.9890, 44.3754, 93.8486



20.4930, 12.5750, 26.7546

Previews

White Background



This preview shows how the YUV color 140.9600, 44.3897, -4.3499 looks on a white background.

Color Contrast Check

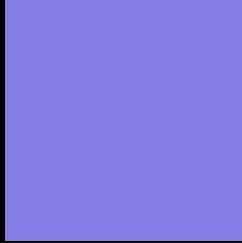
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.9600, 44.3897, -4.3499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

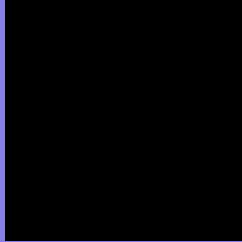
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.9600, 44.3897, -4.3499

Background



This preview shows how black text looks on a background with the YUV color 140.9600, 44.3897, -4.3499.



This preview shows how white text looks on a background with the YUV color 140.9600, 44.3897, -4.3499.

-4.3499.

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

140.9600, 44.3897, -4.3499

Protanopia

134.9990, 51.7655, -36.8331

Deuteranopia

132.9890, 46.8404, -43.8404



Tritanopia

136.5940, 9.0742, -17.1839

Trichromacy



Original Color

140.9600, 44.3897, -4.3499

Protanomaly

137.0930, 49.2542, -24.6376

Deuteranomaly

135.8490, 45.9234, -29.6856

Tritanomaly

138.3570, 22.0090, -12.5911

Monochromacy



Original Color

140.9600, 44.3897, -4.3499

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

141.2290, 16.1561, -1.9548

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.9600, 44.3897, -4.3499 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(136, 126, 231)` looks like.

```
.text, #text, p{  
    color:rgb(136, 126, 231)  
}
```

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(136, 126, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 126, 231) }
```

Border

The CSS property to change the border of an element to YUV 140.9600, 44.3897, -4.3499 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(136, 126, 231) }
```


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

```
.border{ border-color:rgb(136, 126, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 126, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 126, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 126, 231);  
box-shadow:4px 4px 4px 4px rgb(136, 126,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 140.9600, 44.3897, -4.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 126, 231) }
```

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

```
.background{ background-color: rgb(136,  
126, 231) }
```

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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