

Converting Colors

YUV(140.6640, 53.4096,
-4.0903)

Have a look what the booklet for
YUV(140.6640, 53.4096, -4.0903)
contains.

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Color

**YUV(140.6640, 53.4096,
-4.0903)**

Conversions

Conversions Part 1

Format	Color
Hex	887AF9
RGB	136, 122, 249
RGB Percent	53%, 48%, 98%
CMY	0.4667, 0.5216, 0.0235
CMYK	0.45, 0.51, 0.00, 0.02
HSL	247°, 91%, 73%
HSV	247°, 51%, 98%
XYZ	34.2118, 25.9929, 92.8365
YIQ	140.6640, -32.4230, 42.4650

Conversions

Conversions Part 2

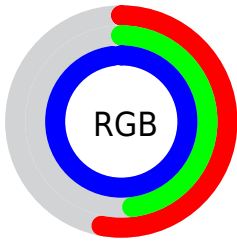
Format	Color
R _Y B	136, 122, 249
Decimal	8944377
CIE Lab	58.03, 36.58, -62.01
CIE LCh	58, 71.993, 300.533
Yxy	25.9929, 0.2235, 0.1698
Android (android.graphics.Color)	4287134457 (0xFF887AF9)
YUV	140.6640, 53.4096, -4.0903
Hunter-Lab	50.9832, 30.5600, -72.2743

Details

The YUV color **140.6640, 53.4096, -4.0903** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **230.3360, -53.4096, 4.0903**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.1000, 31.9957, 4.2973**, and **87.7620, 51.3893, -9.4383** is the 20% darker color. If you saturate the color by 10%, you get **119.4110, 63.8874, -4.7454**, and if you desaturate by 10%, it is **161.9170, 42.9319, -3.4352**.

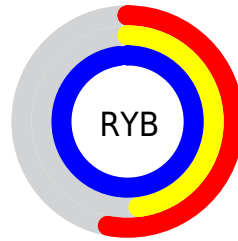
Distribution



Red (53%)

Green (48%)

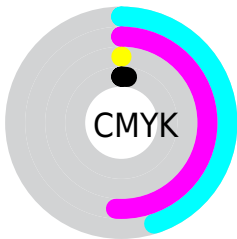
Blue (98%)



Red (53%)

Yellow (48%)

Blue (98%)

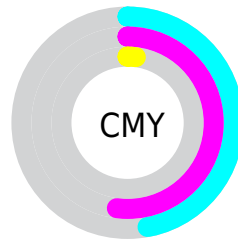


Cyan (45%)

Magenta (51%)

Yellow (0%)

Black (2%)



Cyan (47%)

Magenta (52%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.6640, 53.4096, -4.0903 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 140.6640, 53.4096, -4.0903 by changing the saturation by 10% instead.

■ 140.6640, 53.4096,
-4.0903

■ 140.6640, 53.4096,
-4.0903

255.0000, 0.0000,
0.0000

■ 114.0120, 52.2521,
-6.1495

■ 190.1000, 31.9957,
4.2973

■ 87.7620, 51.3893,
-9.4383

■ 214.6200, 19.9073,
8.2263

■ 60.9030, 50.8268,
-15.7009

■ 240.0260, 7.3822,
12.2552

■ 32.0540, 51.7384,
-28.1114

■ 17.9370, 45.8801,
-15.7307

■ 9.8040, 37.5646,
-8.5981

■ 10.4760, 24.9083,

-9.1875

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 140.6640, 53.4096,
-4.0903

■ 140.6640, 53.4096,
-4.0903

■ 119.4110, 63.8874,
-4.7454

■ 161.9170, 42.9319,
-3.4352

■ 98.1580, 74.3651,
-5.4006

■ 183.1700, 32.4542,
-2.7801

■ 76.9050, 84.8428,
-6.0557

■ 204.4230, 21.9765,
-2.1250

■ 55.3530, 95.4680,
-7.3256

■ 225.9750, 11.3513,
-0.8551

■ 36.4590, 104.7827,
-8.2955

■ 247.2280, 0.8736,
-0.2000

■ 254.3160, -2.6208,
0.5999

Harmonies

Analogous

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



115.3590, 68.8430, -101.1698



140.6640, 53.4096, -4.0903



140.2570, 30.9323, 65.5496

Triad

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



140.6640, 53.4096, -4.0903



131.8530, -57.1155, 72.9199



113.8750, 12.3866, -99.8684

Complementary

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



140.6640, 53.4096, -4.0903



230.3360, -53.4096, 4.0903

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.



104.0030, -15.2845, -91.2106



140.6640, 53.4096, -4.0903



130.3520, -64.2635, 32.1403

Square

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



140.6640, 53.4096, -4.0903



130.3950, -25.3377, 100.5086



121.1950, -59.7491, -15.9570



121.0570, 39.9049, -106.1670

Rectangle

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



140.6640, 53.4096, -4.0903



132.7910, 14.4000, 94.8993



121.1950, -59.7491, -15.9570



110.7800, 3.0665, -97.1541

Sweetspot

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



140.6640, 53.4096, -4.0903



222.5280, 16.0087, -1.3401



203.3960, 22.4828, -71.3843



108.2200, 9.7515, -1.0699



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.



140.6640, 53.4096, -4.0903



122.1660, 65.4872, -4.5306



159.2020, 44.2704, 34.0258



114.0800, 5.3836, -0.0702



27.8250, 79.4593, -5.9855



9.0470, 25.6128, -1.7952

Inverse Universe

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



172.8550, 30.6375, 66.7792



161.4900, 37.7194, 82.0083



211.7980, -44.2704, -34.0258



117.2550, 3.3253, 6.7924



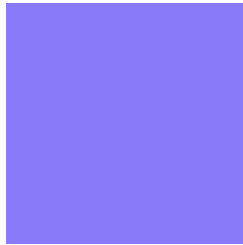
75.6630, 45.5221, 99.3965



24.3950, 14.5953, 32.1026

Previews

White Background



This preview shows how the YUV color 140.6640, 53.4096, -4.0903 looks on a white background.

Color Contrast Check

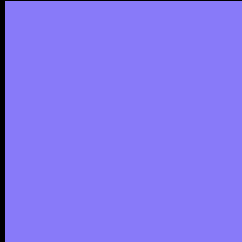
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.6640, 53.4096, -4.0903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

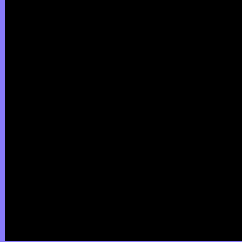
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.6640, 53.4096, -4.0903

Background



This preview shows how black text looks on a background with the YUV color 140.6640, 53.4096, -4.0903.



This preview shows how white text looks on a background with the YUV color 140.6640, 53.4096, -4.0903.

-4.0903.

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

140.6640, 53.4096, -4.0903

Protanopia

131.6370, 60.8180, -47.0396

Deuteranopia

125.0490, 59.1358, -67.5720



Tritanopia

136.0880, 9.8166, -22.0022

Trichromacy



Original Color

140.6640, 53.4096, -4.0903

Protanomaly

134.7530, 58.2958, -31.3554

Deuteranomaly

130.6220, 56.8814, -44.3955

Tritanomaly

137.9590, 25.6562, -15.7500

Monochromacy



Original Color

140.6640, 53.4096, -4.0903

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.7390, 19.3557, -1.5251

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.6640, 53.4096, -4.0903 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, 122, 249)` looks like.

```
.text, #text, p{  
    color:rgb(136, 122, 249)  
}
```

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, 122, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 122, 249) }
```

Border

The CSS property to change the border of an element to YUV 140.6640, 53.4096, -4.0903 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, 122, 249) }
```


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

```
.border{ border-color:rgb(136, 122, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 122, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 122, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 122, 249);  
box-shadow:4px 4px 4px 4px rgb(136, 122,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 140.6640, 53.4096, -4.0903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 122, 249) }
```

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

```
.background{ background-color: rgb(136,  
122, 249) }
```

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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