

Converting Colors

YUV(131.0600, 39.4104, 6.0864)

Have a look what the booklet for
YUV(131.0600, 39.4104, 6.0864)
contains.

YUV(131.0600, 39.4104, 6.0864)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(131.0600, 39.4104,
6.0864)**

Conversions

Conversions Part 1

Format	Color
Hex	8A70D3
RGB	138, 112, 211
RGB Percent	54%, 44%, 83%
CMY	0.4588, 0.5608, 0.1725
CMYK	0.35, 0.47, 0.00, 0.17
HSL	256°, 53%, 63%
HSV	256°, 47%, 83%
XYZ	28.0333, 21.6948, 64.3380
YIQ	131.0600, -16.2830, 36.3010

Conversions

Conversions Part 2

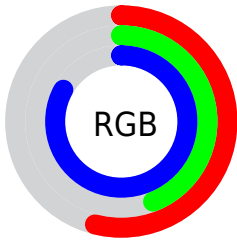
Format	Color
R _Y B	138, 112, 211
Decimal	9072851
CIE Lab	53.70, 32.39, -47.65
CIE LCh	54, 57.617, 304.201
Yxy	21.6948, 0.2458, 0.1902
Android (android.graphics.Color)	4287262931 (0xFF8A70D3)
YUV	131.0600, 39.4104, 6.0864
Hunter-Lab	46.5776, 25.9214, -49.2933

Details

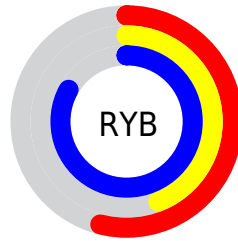
The YUV color **131.0600, 39.4104, 6.0864** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **191.9400, -39.4104, -6.0864**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.3440, 35.3264, 9.3453**, and **79.8810, 37.5267, 3.6124** is the 20% darker color. If you saturate the color by 10%, you get **113.9490, 47.8461, 7.0607**, and if you desaturate by 10%, it is **148.1710, 30.9747, 5.1120**.

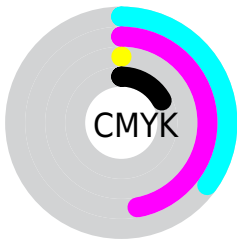
Distribution



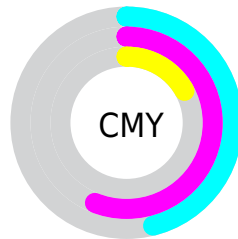
- Red (54%)
- Green (44%)
- Blue (83%)



- Red (54%)
- Yellow (44%)
- Blue (83%)



- Cyan (35%)
- Magenta (47%)
- Yellow (0%)
- Black (17%)



- Cyan (46%)
- Magenta (56%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.0600, 39.4104, 6.0864 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 131.0600, 39.4104, 6.0864 by changing the saturation by 10% instead.

131.0600, 39.4104,
6.0864

131.0600, 39.4104,
6.0864

255.0000, 0.0000,
0.0000

105.1200, 38.3948,
5.1568

183.3440, 35.3264,
9.3453

79.8810, 37.5267,
3.6124

207.8640, 23.2380,
13.2743

55.5170, 36.2271,
0.4236

232.9710, 10.8603,
16.6884

30.7830, 36.0960,
-4.1947

250.8910, 2.0257,
3.6036

9.0060, 34.5070,
-7.8983

6.8570, 23.7345,
-6.0136

4.9360, 13.8356,

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 131.0600, 39.4104,
6.0864

■ 131.0600, 39.4104,
6.0864

■ 113.9490, 47.8461,
7.0607

■ 148.1710, 30.9747,
5.1120

■ 97.1370, 56.1345,
8.6499

■ 164.9830, 22.6864,
3.5229

■ 80.0260, 64.5702,
9.6242

■ 182.0940, 14.2507,
2.5486

■ 63.2140, 72.8585,
11.2133

■ 198.9060, 5.9623,
0.9594

■ 46.1030, 81.2942,
12.1877

■ 216.0170, -2.4734,
-0.0149

■ 40.4990, 84.0570,
12.7174

■ 233.4160,
-11.0511, -2.1188

■ 247.5920,
-18.0399, -0.5192

■ 249.9840,
-19.2191, 4.3990

Harmonies

Analogous

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



103.4760, 61.3903, -90.7485



131.0600, 39.4104, 6.0864



130.1450, 20.6345, 55.1238

Triad

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



131.0600, 39.4104, 6.0864



124.3590, -44.5470, 54.9362



104.5000, 14.5435, -91.6465

Complementary

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



131.0600, 39.4104, 6.0864



191.9400, -39.4104, -6.0864

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.



96.9250, -6.8650, -85.0032



131.0600, 39.4104, 6.0864



119.8870, -55.6533, 23.7781

Square

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



131.0600, 39.4104, 6.0864



124.1810, -24.2462, 77.0173



115.3900, -38.6463, -17.8820



109.4990, 36.2360, -96.0306

Rectangle

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



131.0600, 39.4104, 6.0864



126.3080, 6.7502, 75.1519



115.3900, -38.6463, -17.8820



101.9750, 7.4073, -89.4321

Sweetspot

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



131.0600, 39.4104, 6.0864



226.0940, 14.2507, 2.5486



166.7240, 21.8281, -47.9929



110.3020, 8.7251, 1.4891



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.



131.0600, 39.4104, 6.0864



139.6640, 56.8606, 9.0647



145.4120, 32.3349, 35.5957



96.1510, 4.3626, 0.7446



32.3080, 66.8962, 10.2539



7.9630, 16.2872, 2.6634

Inverse Universe

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



149.9230, 17.2930, 53.5645



166.7270, 24.7846, 77.4154



177.5880, -32.3349, -35.5957



98.2010, 1.8729, 5.9627



64.3680, 29.3986, 90.8853



15.6790, 7.0603, 22.2065

Previews

White Background



This preview shows how the YUV color 131.0600, 39.4104, 6.0864 looks on a white background.

Color Contrast Check

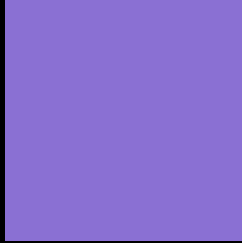
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.0600, 39.4104, 6.0864 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 131.0600, 39.4104, 6.0864

Background



This preview shows how black text looks on a background with the YUV color 131.0600, 39.4104, 6.0864.



This preview shows how white text looks on a background with the YUV color 131.0600, 39.4104,

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

131.0600, 39.4104, 6.0864

Protanopia

123.9130, 48.8499, -35.0037

Deuteranopia

123.5400, 41.1458, -37.3076



Tritanopia

128.3460, 5.2524, -4.6884

Trichromacy



Original Color

131.0600, 39.4104, 6.0864

Protanomaly

126.5020, 45.6015, -19.7343

Deuteranomaly

126.4110, 40.2234, -21.4084

Tritanomaly

129.2830, 17.6085, -1.1252

Monochromacy



Original Color

131.0600, 39.4104, 6.0864

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.0940, 14.2507, 2.5486

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.0600, 39.4104, 6.0864 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(138, 112, 211)` looks like.

```
.text, #text, p{  
    color:rgb(138, 112, 211)  
}
```

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(138, 112, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 112, 211) }
```

Border

The CSS property to change the border of an element to YUV 131.0600, 39.4104, 6.0864 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(138, 112, 211) }
```


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

```
.border{ border-color:rgb(138, 112, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 112, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 112, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 112, 211);  
box-shadow:4px 4px 4px 4px rgb(138, 112,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 131.0600, 39.4104, 6.0864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 112, 211) }
```

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

```
.background{ background-color: rgb(138,  
112, 211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor