

Converting Colors

YUV(130.6130, 44.0678, 5.6014)

Have a look what the booklet for
YUV(130.6130, 44.0678, 5.6014)
contains.

YUV(130.6130, 44.0678, 5.6014)	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(130.6130, 44.0678,
5.6014)**

Conversions

Conversions Part 1

Format	Color
Hex	896EDC
RGB	137, 110, 220
RGB Percent	54%, 43%, 86%
CMY	0.4627, 0.5686, 0.1373
CMYK	0.38, 0.50, 0.00, 0.14
HSL	255°, 61%, 65%
HSV	255°, 50%, 86%
XYZ	28.8107, 21.6375, 70.3681
YIQ	130.6130, -19.2180, 39.9340

Conversions

Conversions Part 2

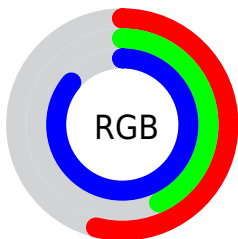
Format	Color
R_{YB}	137, 110, 220
Decimal	9006812
CIE Lab	53.64, 35.70, -52.85
CIE LCh	54, 63.775, 304.040
Yxy	21.6375, 0.2385, 0.1791
Android (android.graphics.Color)	4287196892 (0xFF896EDC)
YUV	130.6130, 44.0678, 5.6014
Hunter-Lab	46.5162, 29.1543, -57.1306

Details

The YUV color **130.6130, 44.0678, 5.6014** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **199.3870, -44.0678, -5.6014**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.1700, 35.9052, 10.3749**, and **78.7220, 42.0421, 1.9978** is the 20% darker color. If you saturate the color by 10%, you get **112.6160, 52.9403, 6.4758**, and if you desaturate by 10%, it is **148.6100, 35.1953, 4.7270**.

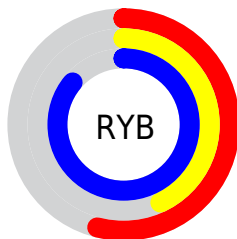
Distribution



Red (54%)

Green (43%)

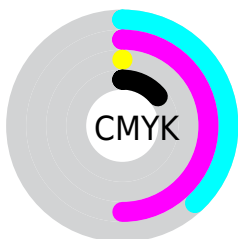
Blue (86%)



Red (54%)

Yellow (43%)

Blue (86%)

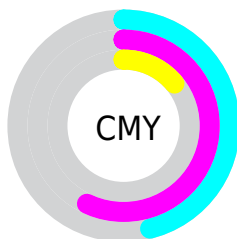


Cyan (38%)

Magenta (50%)

Yellow (0%)

Black (14%)



Cyan (46%)

Magenta (57%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.6130, 44.0678, 5.6014 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 130.6130, 44.0678, 5.6014 by changing the saturation by 10% instead.

■ 130.6130, 44.0678,
5.6014

■ 130.6130, 44.0678,
5.6014

255.0000, 0.0000,
0.0000

■ 104.3740, 43.1996,
4.0570

■ 182.1700, 35.9052,
10.3749

■ 78.7220, 42.0421,
1.9978

■ 206.6900, 23.8168,
14.3039

■ 54.3580, 40.7425,
-1.1910

■ 231.7970, 11.4391,
17.7180

■ 27.7160, 41.0590,
-9.3979

■ 249.7170, 2.6045,
4.6332

■ 9.8040, 37.5646,
-8.5981

■ 7.0680, 27.0815,
-6.1986

■ 6.2070, 16.1669,

-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 130.6130, 44.0678,
5.6014

■ 130.6130, 44.0678,
5.6014

■ 112.6160, 52.9403,
6.4758

■ 148.6100, 35.1953,
4.7270

■ 94.9180, 61.6654,
7.9649

■ 166.3080, 26.4702,
3.2379

■ 76.9210, 70.5379,
8.8393

■ 184.3050, 17.5976,
2.3635

■ 59.2230, 79.2631,
10.3284

■ 202.0030, 8.8725,
0.8744

■ 41.2260, 88.1356,
11.2028

■ 220.0000, 0.0000,
0.0000

■ 237.9970, -8.8725,
-0.8744

■ 250.4120,
-14.9931, 2.2697

■ 251.0100,
-15.2879, 3.4992

Harmonies

Analogous

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



104.7300, 66.1951, -91.8482



130.6130, 44.0678, 5.6014



128.4000, 23.9598, 61.9162

Triad

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



130.6130, 44.0678, 5.6014



122.0840, -50.8204, 60.4393



105.0870, 14.2541, -92.1613

Complementary

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



130.6130, 44.0678, 5.6014



199.3870, -44.0678, -5.6014

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.



96.8280, -9.7752, -84.9182



130.6130, 44.0678, 5.6014



119.0890, -58.7109, 24.4779

Square

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



130.6130, 44.0678, 5.6014



121.5950, -25.4363, 85.4242



112.6580, -45.1874, -19.8711



110.7700, 38.5674, -97.1453

Rectangle

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



130.6130, 44.0678, 5.6014



123.6450, 9.0490, 84.5033



112.6580, -45.1874, -19.8711



102.9210, 5.9549, -90.2617

Sweetspot

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



130.6130, 44.0678, 5.6014



224.0230, 15.2717, 1.7338



171.8480, 23.7389, -54.2407



109.1170, 9.3093, 0.7744



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.



130.6130, 44.0678, 5.6014



130.8040, 61.2286, 8.0649



146.7590, 36.1078, 38.7994



100.8520, 4.5100, 0.1298



32.5790, 69.2276, 9.1392



8.5330, 18.4712, 2.1636

Inverse Universe

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



152.3520, 20.0395, 59.3273



160.8570, 27.6785, 82.5634



183.2410, -36.1078, -38.7994



103.2010, 1.8729, 5.9627



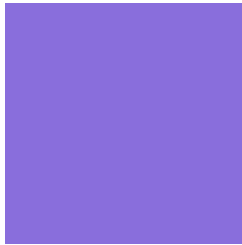
66.6610, 31.7191, 93.2593



17.7440, 8.5072, 24.7805

Previews

White Background



This preview shows how the YUV color 130.6130, 44.0678, 5.6014 looks on a white background.

Color Contrast Check

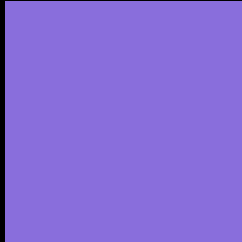
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.6130, 44.0678, 5.6014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

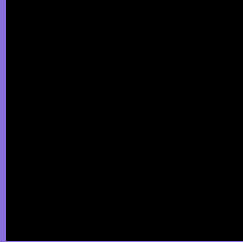
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 130.6130, 44.0678, 5.6014

Background



This preview shows how black text looks on a background with the YUV color 130.6130, 44.0678, 5.6014.



This preview shows how white text looks on a background with the YUV color 130.6130, 44.0678, 5.6014.

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

130.6130, 44.0678, 5.6014

Protanopia

121.2910, 55.5655, -42.3512

Deuteranopia

120.3800, 47.1407, -46.8143



Tritanopia

127.2640, 6.2788, -7.2475

Trichromacy



Original Color

130.6130, 44.0678, 5.6014

Protanomaly

124.6630, 51.4381, -25.1375

Deuteranomaly

123.8600, 45.9180, -27.9412

Tritanomaly

128.5540, 19.9399, -2.2399

Monochromacy



Original Color

130.6130, 44.0678, 5.6014

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.5500, 15.9979, 2.1487

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.6130, 44.0678, 5.6014 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(137, 110, 220)` looks like.

```
.text, #text, p{  
    color:rgb(137, 110, 220)  
}
```

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(137, 110, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 110, 220) }
```

Border

The CSS property to change the border of an element to YUV 130.6130, 44.0678, 5.6014 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(137, 110, 220) }
```


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

```
.border{ border-color:rgb(137, 110, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 110, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 110, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 110, 220);  
box-shadow:4px 4px 4px 4px rgb(137, 110,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 130.6130, 44.0678, 5.6014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 110, 220) }
```

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

```
.background{ background-color: rgb(137,  
110, 220) }
```

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