

Converting Colors

YUV(111.9280, 66.5905,
14.9721)

Have a look what the booklet for
YUV(111.9280, 66.5905, 14.9721)
contains.

YUV(111.9280, 66.5905, 14.9721)	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(111.9280, 66.5905,
14.9721)**

Conversions

Conversions Part 1

Format	Color
Hex	814DF7
RGB	129, 77, 247
RGB Percent	51%, 30%, 97%
CMY	0.4941, 0.6980, 0.0314
CMYK	0.48, 0.69, 0.00, 0.03
HSL	258°, 91%, 64%
HSV	258°, 69%, 97%
XYZ	28.4956, 16.6903, 89.7153
YIQ	111.9280, -23.5780, 63.8940

Conversions

Conversions Part 2

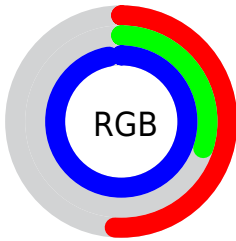
Format	Color
RYB	129, 77, 247
Decimal	8474103
CIELab	47.87, 59.35, -77.38
CIELCh	48, 97.524, 307.489
Yxy	16.6903, 0.2112, 0.1237
Android (android.graphics.Color)	4286664183 (0xFF814DF7)
YUV	111.9280, 66.5905, 14.9721
Hunter-Lab	40.8537, 53.0104, -101.6040

Details

The YUV color **111.9280, 66.5905, 14.9721** is a light color, and the websafe version is hex **9966FF**. The color can be described as light washed purple. A complement of this color would be **212.0720, -66.5905, -14.9721**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.1900, 45.7553, 24.3894**, and **54.1830, 66.4648, 8.6095** is the 20% darker color. If you saturate the color by 10%, you get **92.1700, 76.3312, 17.3909**, and if you desaturate by 10%, it is **131.6860, 56.8498, 12.5534**.

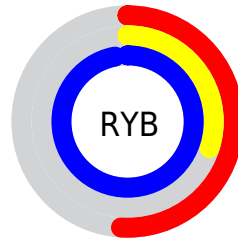
Distribution



Red (51%)

Green (30%)

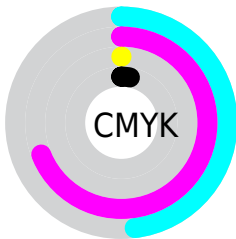
Blue (97%)



Red (51%)

Yellow (30%)

Blue (97%)

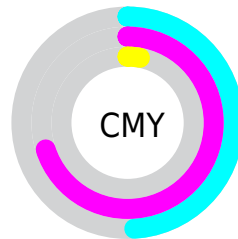


Cyan (48%)

Magenta (69%)

Yellow (0%)

Black (3%)



Cyan (49%)

Magenta (70%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.9280, 66.5905, 14.9721 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 111.9280, 66.5905, 14.9721 by changing the saturation by 10% instead.

■ 111.9280, 66.5905,
14.9721

■ 111.9280, 66.5905,
14.9721

255.0000, 0.0000,
0.0000

■ 84.0910, 66.0171,
12.1982

■ 162.1900, 45.7553,
24.3894

■ 54.1830, 66.4648,
8.6095

■ 187.0090, 33.5196,
28.9331

■ 23.1380, 67.9660,
-6.2600

■ 212.1270, 21.1364,
34.0916

■ 15.2760, 58.5309,
-13.3971

■ 230.3460, 12.1544,
21.6216

■ 12.3120, 47.1742,
-10.7976

■ 247.3690, 3.7621,
6.6924

■ 12.9840, 34.5179,
-11.3870

■ 10.1340, 23.5979,

-8.8875

■ 5.2780, 15.1459,
-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 111.9280, 66.5905,
14.9721

■ 111.9280, 66.5905,
14.9721

■ 92.1700, 76.3312,
17.3909

■ 131.6860, 56.8498,
12.5534

■ 72.9990, 85.7825,
19.2949

■ 150.8570, 47.3985,
10.6494

■ 53.2410, 95.5232,
21.7136

■ 170.6150, 37.6578,
8.2306

■ 50.8820, 96.6862,
22.0285

■ 190.6720, 27.7697,
6.4267

210.4300, 18.0290,
4.0079

229.6010, 8.5777,
2.1039

249.3590, -1.1630,
-0.3148

254.0880, -3.4944,
0.7998

Harmonies

Analogous

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



99.5100, 76.6566, -87.2703



111.9280, 66.5905, 14.9721



86.6700, 45.0257, 118.6844

Triad

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



111.9280, 66.5905, 14.9721



105.2210, -51.8740, 71.7202



100.2770, 16.1324, -87.9429

Complementary

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



111.9280, 66.5905, 14.9721



212.0720, -66.5905, -14.9721

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.



88.2560, -22.3112, -77.4005



111.9280, 66.5905, 14.9721



105.4450, -51.9844, 13.6417

Square

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



111.9280, 66.5905, 14.9721



70.9210, -29.5411, 142.1433



78.6580, -38.7784, -68.9831



109.5110, 51.5131, -96.0411

Rectangle

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



111.9280, 66.5905, 14.9721



87.6900, 17.9008, 138.8379



78.6580, -38.7784, -68.9831



96.3840, 3.7547, -84.5288

Sweetspot

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



111.9280, 66.5905, 14.9721



212.2390, 21.0812, 5.0524



166.2330, 39.8181, -78.2573



102.3390, 12.6509, 2.3337



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.



111.9280, 66.5905, 14.9721



86.6030, 83.0197, 18.7652



137.0440, 54.2083, 66.6134



112.5640, 4.6519, 1.2594



38.2470, 72.8422, 16.4464



12.1080, 23.1178, 5.1673

Inverse Universe

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



141.2820, 26.4830, 92.7147



123.1460, 32.9590, 115.6360



186.9560, -54.2083, -66.6134



114.6140, 2.1623, 6.4775



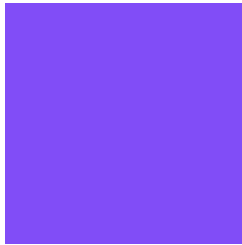
70.3200, 28.9292, 101.4514



22.3150, 9.2117, 32.1727

Previews

White Background



This preview shows how the YUV color 111.9280, 66.5905, 14.9721 looks on a white background.

Color Contrast Check

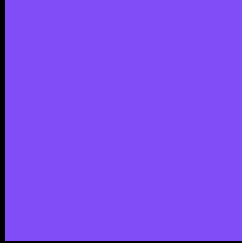
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 111.9280, 66.5905, 14.9721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

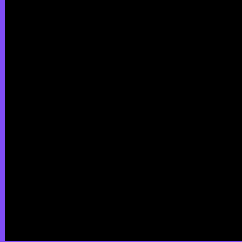
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.9280, 66.5905, 14.9721 Background



This preview shows how black text looks on a background with the YUV color 111.9280, 66.5905, 14.9721.



This preview shows how white text looks on a background with the YUV color 111.9280, 66.5905, 14.9721.

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

111.9280, 66.5905, 14.9721

Protanopia

90.3170, 69.3567, -79.2080

Deuteranopia

90.7780, 53.3534, -79.6123



Tritanopia

111.1600, 7.3161, -13.2953

Trichromacy



Original Color

111.9280, 66.5905, 14.9721

Protanomaly

98.0100, 68.5221, -44.7358

Deuteranomaly

98.5510, 57.9024, -45.2102

Tritanomaly

111.5460, 28.8178, -3.1098

Monochromacy



Original Color

111.9280, 66.5905, 14.9721

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.7490, 24.2807, 5.4821

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.9280, 66.5905, 14.9721 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(129, 77, 247)` looks like.

```
.text, #text, p{  
    color:rgb(129, 77, 247)  
}
```

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(129, 77, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 77, 247) }
```

Border

The CSS property to change the border of an element to YUV 111.9280, 66.5905, 14.9721 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(129, 77, 247) }
```


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

```
.border{ border-color:rgb(129, 77, 247) }
```

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

Here you see how a box with a 4 pixel rgb(129, 77, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 77, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 77, 247);  
box-shadow:4px 4px 4px 4px rgb(129, 77,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 111.9280, 66.5905, 14.9721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 77, 247) }
```

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

```
.background{ background-color: rgb(129, 77,  
247) }
```

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