

Converting Colors

YUV(114.4280, 27.8900,
14.5336)

Have a look what the booklet for
YUV(114.4280, 27.8900, 14.5336)
contains.

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Color

**YUV(114.4280, 27.8900,
14.5336)**

Conversions

Conversions Part 1

Format	Color
Hex	835FAB
RGB	131, 95, 171
RGB Percent	51%, 37%, 67%
CMY	0.4863, 0.6275, 0.3294
CMYK	0.23, 0.44, 0.00, 0.33
HSL	268°, 31%, 52%
HSV	268°, 44%, 67%
XYZ	20.8030, 15.9500, 40.5103
YIQ	114.4280, -2.9400, 31.2680

Conversions

Conversions Part 2

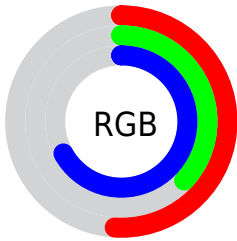
Format	Color
R_{YB}	131, 95, 171
Decimal	8609707
CIE _{Lab}	46.91, 30.16, -35.38
CIE _{LCh}	47, 46.495, 310.448
Yxy	15.9500, 0.2692, 0.2064
Android (android.graphics.Color)	4286799787 (0xFF835FAB)
YUV	114.4280, 27.8900, 14.5336
Hunter-Lab	39.9374, 23.0882, -32.1842

Details

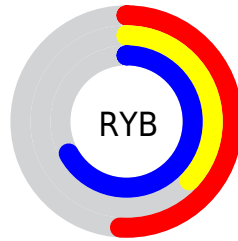
The YUV color $114.4280, 27.8900, 14.5336$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $151.5720, -27.8900, -14.5336$, and the grayscale version is $114.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $166.8950, 29.6318, 15.8781$, and $65.2490, 26.0062, 12.0596$ is the 20% darker color. If you saturate the color by 10%, you get $101.7580, 34.1363, 17.7522$, and if you desaturate by 10%, it is $127.0980, 21.6437, 11.3151$.

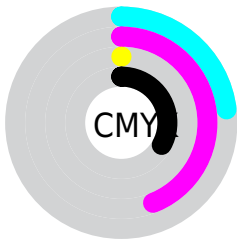
Distribution



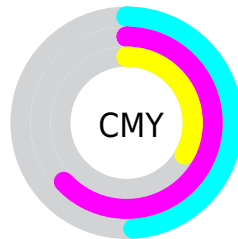
- Red (51%)
- Green (37%)
- Blue (67%)



- Red (51%)
- Yellow (37%)
- Blue (67%)



- Cyan (23%)
- Magenta (44%)
- Yellow (0%)
- Black (33%)



- Cyan (49%)
- Magenta (63%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.4280, 27.8900, 14.5336 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 114.4280, 27.8900, 14.5336 by changing the saturation by 10% instead.

■ 114.4280, 27.8900,
14.5336

■ 114.4280, 27.8900,
14.5336

■ 255.0000, 0.0000,
0.0000

■ 89.4880, 26.8744,
13.6040

■ 166.8950, 29.6318,
15.8781

■ 65.2490, 26.0062,
12.0596

■ 194.6070, 29.7737,
17.0077

■ 41.4230, 25.4275,
11.0300

■ 219.7140, 17.3960,
20.4218

■ 18.2980, 24.9961,
9.3857

■ 239.7380, 7.5242,
13.3848

■ 5.5430, 19.9453,
-3.9842

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,

0.0000

■ 114.4280, 27.8900,
14.5336

■ 114.4280, 27.8900,
14.5336

■ 101.7580, 34.1363,
17.7522

■ 127.0980, 21.6437,
11.3151

■ 89.0880, 40.3826,
20.9708

■ 139.7680, 15.3974,
8.0965

■ 76.4180, 46.6289,
24.1894

■ 152.4380, 9.1511,
4.8779

■ 63.7480, 52.8752,
27.4080

■ 165.1080, 2.9048,
1.6593

■ 51.0780, 59.1215,
30.6266

■ 177.7780, -3.3416,
-1.5593

■ 43.7130, 62.7525,
32.7007

■ 191.0350, -9.8773,
-5.2927

■ 203.7050,
-16.1236, -8.5113

■ 216.3750,
-22.3699, -11.7299

■ 229.0450,
-28.6162, -14.9485

Harmonies

Analogous

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



104.5290, 41.1512, -39.0519



114.4280, 27.8900, 14.5336



113.2230, 12.2151, 48.9164

Triad

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



114.4280, 27.8900, 14.5336



108.3230, -36.6412, 39.1817



90.4460, 16.5421, -79.3211

Complementary

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



114.4280, 27.8900, 14.5336



151.5720, -27.8900, -14.5336

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.



84.7120, -0.3510, -74.2924



114.4280, 27.8900, 14.5336



105.5770, -38.7385, 11.7720

Square

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



114.4280, 27.8900, 14.5336



109.0000, -23.1710, 58.7590



100.3970, -25.8317, -21.3962



93.4900, 33.2824, -81.9907

Rectangle

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



114.4280, 27.8900, 14.5336



110.6130, 0.6838, 60.8524



100.3970, -25.8317, -21.3962



88.9640, 10.8637, -78.0214

Sweetspot

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



114.4280, 27.8900, 14.5336



200.4920, 10.6034, 5.7075



127.7310, 21.3316, -28.7051



98.7430, 6.5357, 3.7334



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



114.4280, 27.8900, 14.5336



134.1960, 43.2874, 22.6301



125.4910, 22.4359, 37.2804



80.2220, 3.3416, 1.5593



38.3290, 55.0538, 28.6525



5.9110, 8.4249, 4.4631

Inverse Universe

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



122.2840, 6.2690, 42.7239



146.3500, 9.6875, 66.3451



140.5090, -22.4359, -37.2804



81.2610, 0.8573, 5.0331



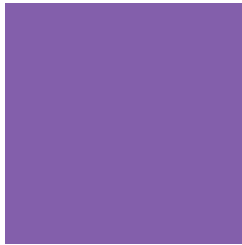
53.8560, 12.3960, 84.3183



8.2450, 1.8512, 12.9401

Previews

White Background



This preview shows how the YUV color 114.4280, 27.8900, 14.5336 looks on a white background.

Color Contrast Check

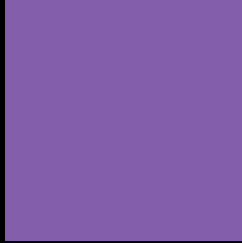
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.4280, 27.8900, 14.5336 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 114.4280, 27.8900, 14.5336

Background



This preview shows how black text looks on a background with the YUV color 114.4280, 27.8900, 14.5336.



This preview shows how white text looks on a background with the YUV color 114.4280, 27.8900,

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

114.4280, 27.8900, 14.5336

Protanopia

109.0640, 36.4504, -24.6121

Deuteranopia

109.7240, 28.7301, -21.6829



Tritanopia

112.2120, 1.8675, 7.7071

Trichromacy



Original Color

114.4280, 27.8900, 14.5336

Protanomaly

111.0550, 33.4969, -10.5722

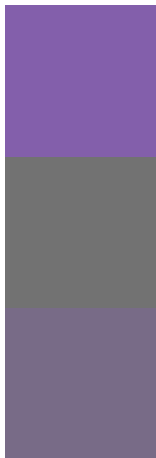
Deuteranomaly

111.3990, 28.3973, -8.2429

Tritanomaly

113.3400, 11.1714, 10.2258

Monochromacy



Original Color

114.4280, 27.8900, 14.5336

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0790, 10.3141, 5.1927

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.4280, 27.8900, 14.5336 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(131, 95, 171)` looks like.

```
.text, #text, p{  
    color:rgb(131, 95, 171)  
}
```

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(131, 95, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 95, 171) }
```

Border

The CSS property to change the border of an element to YUV 114.4280, 27.8900, 14.5336 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(131, 95, 171) }
```


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

```
.border{ border-color:rgb(131, 95, 171) }
```

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

Here you see how a box with a 4 pixel rgb(131, 95, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 95, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 95, 171);  
box-shadow:4px 4px 4px 4px rgb(131, 95,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 114.4280, 27.8900, 14.5336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 95, 171) }
```

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

```
.background{ background-color: rgb(131, 95,  
171) }
```

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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