

Converting Colors

YUV(114.2580, 52.6238,
14.6827)

Have a look what the booklet for
YUV(114.2580, 52.6238, 14.6827)
contains.

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Color

**YUV(114.2580, 52.6238,
14.6827)**

Conversions

Conversions Part 1

Format	Color
Hex	8355DD
RGB	131, 85, 221
RGB Percent	51%, 33%, 87%
CMY	0.4863, 0.6667, 0.1333
CMYK	0.41, 0.62, 0.00, 0.13
HSL	260°, 67%, 60%
HSV	260°, 62%, 87%
XYZ	25.6597, 16.5428, 70.2473
YIQ	114.2580, -16.2400, 52.0480

Conversions

Conversions Part 2

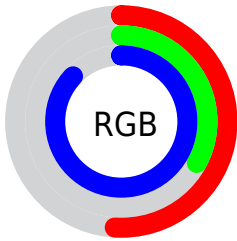
Format	Color
R_{YB}	131, 85, 221
Decimal	8607197
CIE _{Lab}	47.68, 48.68, -63.03
CIE _{LCh}	48, 79.634, 307.679
Yxy	16.5428, 0.2282, 0.1471
Android (android.graphics.Color)	4286797277 (0xFF8355DD)
YUV	114.2580, 52.6238, 14.6827
Hunter-Lab	40.6728, 41.4350, -73.9307

Details

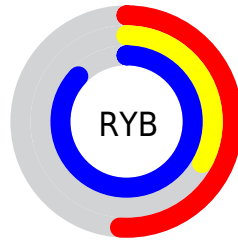
The YUV color **114.2580, 52.6238, 14.6827** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **191.7420, -52.6238, -14.6827**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0000, 43.8770, 20.1710**, and **61.1820, 51.1823, 10.3644** is the 20% darker color. If you saturate the color by 10%, you get **96.8590, 61.2015, 16.7867**, and if you desaturate by 10%, it is **131.6570, 44.0461, 12.5788**.

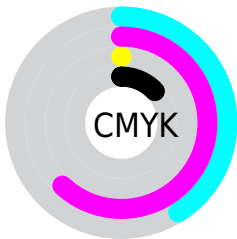
Distribution



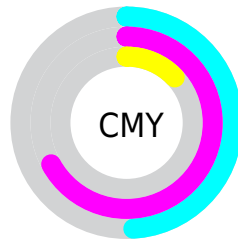
- Red (51%)
- Green (33%)
- Blue (87%)



- Red (51%)
- Yellow (33%)
- Blue (87%)



- Cyan (41%)
- Magenta (62%)
- Yellow (0%)
- Black (13%)



- Cyan (49%)
- Magenta (67%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.2580, 52.6238, 14.6827 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 114.2580, 52.6238, 14.6827 by changing the saturation by 10% instead.

■ 114.2580, 52.6238,
14.6827

■ 114.2580, 52.6238,
14.6827

■ 255.0000, 0.0000,
0.0000

■ 87.7200, 51.9030,
12.5236

■ 166.0000, 43.8770,
20.1710

■ 61.1820, 51.1823,
10.3644

■ 190.5200, 31.7886,
24.1000

■ 31.8010, 52.3561,
7.1905

■ 215.3390, 19.5529,
28.6437

■ 12.7680, 48.9214,
-11.1975

■ 234.4550, 10.1287,
18.0180

■ 9.8040, 37.5646,
-8.5981

■ 250.8910, 2.0257,
3.6036

■ 10.5900, 25.3451,
-9.2874

■ 6.2070, 16.1669,

-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 114.2580, 52.6238,
14.6827

■ 114.2580, 52.6238,
14.6827

■ 96.8590, 61.2015,
16.7867

■ 131.6570, 44.0461,
12.5788

■ 79.7590, 69.6318,
19.5054

■ 148.7570, 35.6158,
9.8601

■ 62.3600, 78.2095,
21.6093

■ 166.1560, 27.0381,
7.7562

■ 47.6190, 85.4768,
24.0131

■ 183.2560, 18.6078,
5.0375

■ 200.6550, 10.0301,
2.9336

■ 218.6410, 1.1630,
0.3148

■ 235.7410, -7.2673,
-2.4039

■ 249.0310,
-13.8193, -0.9042

■ 251.1240,
-14.8511, 3.3993

Harmonies

Analogous

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



96.9510, 74.4672, -85.0260



114.2580, 52.6238, 14.6827



98.9920, 33.0349, 91.2150

Triad

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



114.2580, 52.6238, 14.6827



105.7530, -52.1362, 62.4836



97.4730, 15.5428, -85.4838

Complementary

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



114.2580, 52.6238, 14.6827



191.7420, -52.6238, -14.6827

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.



87.6180, -14.6017, -76.8410



114.2580, 52.6238, 14.6827



104.8690, -51.7004, 15.9009

Square

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



114.2580, 52.6238, 14.6827



95.6360, -30.8795, 104.6822



89.1560, -43.9539, -42.2328



104.4100, 44.6609, -91.5676

Rectangle

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



114.2580, 52.6238, 14.6827



80.4710, 19.9808, 124.9979



89.1560, -43.9539, -42.2328



94.2640, 5.7858, -82.6695

Sweetspot

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



114.2580, 52.6238, 14.6827



219.0280, 17.7342, 5.2374



153.9210, 33.0699, -60.4437



105.2960, 11.1931, 3.2484



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.



114.2580, 52.6238, 14.6827



106.6820, 73.1208, 20.4499



134.2910, 42.7475, 55.8728



101.1510, 4.3626, 0.7446



37.3630, 66.8690, 18.9756



10.0280, 17.7342, 5.2374

Inverse Universe

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



135.9240, 19.2645, 74.6117



136.7610, 26.7398, 103.6956



171.7090, -42.7475, -55.8728



103.0870, 1.4361, 6.0627



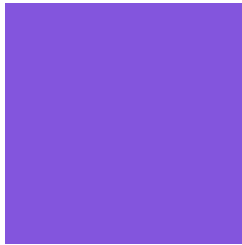
64.8370, 24.7304, 94.8590



17.1740, 6.3232, 25.2804

Previews

White Background



This preview shows how the YUV color 114.2580, 52.6238, 14.6827 looks on a white background.

Color Contrast Check

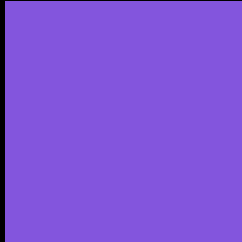
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.2580, 52.6238, 14.6827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

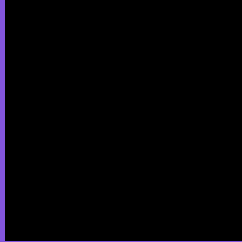
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 114.2580, 52.6238, 14.6827

Background



This preview shows how black text looks on a background with the YUV color 114.2580, 52.6238, 14.6827.



This preview shows how white text looks on a background with the YUV color 114.2580, 52.6238,

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

114.2580, 52.6238, 14.6827

Protanopia

90.3170, 69.3567, -79.2080

Deuteranopia

90.5330, 54.9532, -79.3974



Tritanopia

112.5310, 4.6682, -3.9737

Trichromacy



Original Color

114.2580, 52.6238, 14.6827



Protanomaly

98.9300, 63.1385, -44.6656



Deuteranomaly

99.2260, 54.1186, -44.9252



Tritanomaly

113.1570, 22.1076, 2.4933

Monochromacy



Original Color

114.2580, 52.6238, 14.6827



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

113.7830, 19.3340, 5.4523

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.2580, 52.6238, 14.6827 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, 85, 221)` looks like.

```
.text, #text, p{  
    color:rgb(131, 85, 221)  
}
```

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, 85, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 85, 221) }
```

Border

The CSS property to change the border of an element to YUV 114.2580, 52.6238, 14.6827 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, 85, 221) }
```


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

```
.border{ border-color:rgb(131, 85, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 85, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 85, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 85, 221);  
box-shadow:4px 4px 4px 4px rgb(131, 85,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 114.2580, 52.6238, 14.6827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 85, 221) }
```

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

```
.background{ background-color: rgb(131, 85,  
221) }
```

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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