

Converting Colors

YUV(115.9220, 48.8455,
13.2234)

Have a look what the booklet for
YUV(115.9220, 48.8455, 13.2234)
contains.

YUV(115.9220, 48.8455, 13.2234)	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>	30

Color

**YUV(115.9220, 48.8455,
13.2234)**

Conversions

Conversions Part 1

Format	Color
Hex	8359D7
RGB	131, 89, 215
RGB Percent	51%, 35%, 84%
CMY	0.4863, 0.6510, 0.1569
CMYK	0.39, 0.59, 0.00, 0.16
HSL	260°, 61%, 60%
HSV	260°, 59%, 84%
XYZ	25.1982, 16.8763, 66.2193
YIQ	115.9220, -15.4140, 48.0900

Conversions

Conversions Part 2

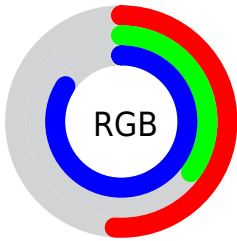
Format	Color
R _Y B	131, 89, 215
Decimal	8608215
CIE Lab	48.10, 44.89, -58.92
CIE LCh	48, 74.078, 307.303
Yxy	16.8763, 0.2327, 0.1558
Android (android.graphics.Color)	4286798295 (0xFF8359D7)
YUV	115.9220, 48.8455, 13.2234
Hunter-Lab	41.0808, 37.5970, -66.8146

Details

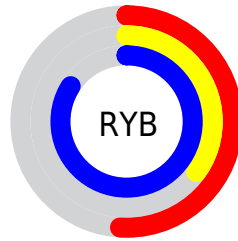
The YUV color **115.9220, 48.8455, 13.2234** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **188.0780, -48.8455, -13.2234**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.0490, 42.8668, 17.4970**, and **63.7320, 46.9671, 9.0050** is the 20% darker color. If you saturate the color by 10%, you get **99.4090, 56.9864, 15.4273**, and if you desaturate by 10%, it is **132.4350, 40.7045, 11.0195**.

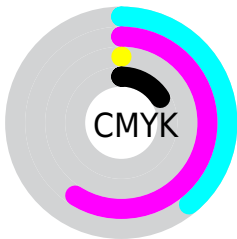
Distribution



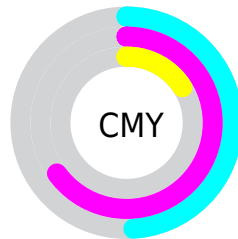
- Red (51%)
- Green (35%)
- Blue (84%)



- Red (51%)
- Yellow (35%)
- Blue (84%)



- Cyan (39%)
- Magenta (59%)
- Yellow (0%)
- Black (16%)



- Cyan (49%)
- Magenta (65%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.9220, 48.8455, 13.2234 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 115.9220, 48.8455, 13.2234 by changing the saturation by 10% instead.

■ 115.9220, 48.8455,
13.2234

■ 115.9220, 48.8455,
13.2234

■ 255.0000, 0.0000,
0.0000

■ 89.6830, 47.9773,
11.6790

■ 168.0490, 42.8668,
17.4970

■ 63.7320, 46.9671,
9.0050

■ 192.2810, 30.9205,
22.5556

■ 36.7100, 46.9780,
5.5163

■ 217.3880, 18.5427,
25.9697

■ 12.0840, 46.3006,
-10.5977

■ 236.2160, 9.2605,
16.4736

■ 9.3480, 35.8174,
-8.1982

■ 253.2390, 0.8682,
1.5444

■ 9.4330, 23.4505,
-8.2727

■ 5.1640, 14.7091,

-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 115.9220, 48.8455,
13.2234

■ 115.9220, 48.8455,
13.2234

■ 99.4090, 56.9864,
15.4273

■ 132.4350, 40.7045,
11.0195

■ 82.0100, 65.5641,
17.5312

■ 149.8340, 32.1268,
8.9156

■ 64.9100, 73.9944,
20.2499

■ 166.9340, 23.6965,
6.1969

■ 48.3970, 82.1353,
22.4538

■ 183.4470, 15.5556,
3.9930

46.0380, 83.2983,
22.7687

200.8460, 6.9779,
1.8891

217.3590, -1.1630,
-0.3148

234.4590, -9.5933,
-3.0335

247.7490,
-16.1453, -1.5339

250.4400,
-17.4719, 3.9991

Harmonies

Analogous

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



96.6260, 70.6834, -84.7410



115.9220, 48.8455, 13.2234



106.6610, 28.2681, 80.1043

Triad

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



115.9220, 48.8455, 13.2234



106.6280, -52.5676, 60.8392



97.3590, 15.1060, -85.3838

Complementary

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



115.9220, 48.8455, 13.2234



188.0780, -48.8455, -13.2234

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.



88.0740, -12.8545, -77.2409



115.9220, 48.8455, 13.2234



106.0540, -52.2846, 16.6156

Square

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



115.9220, 48.8455, 13.2234



101.2220, -29.6894, 96.2753



93.0430, -45.8702, -34.2407



103.7260, 42.0401, -90.9677

Rectangle

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



115.9220, 48.8455, 13.2234



92.1180, 15.2248, 110.3985



93.0430, -45.8702, -34.2407



94.2640, 5.7858, -82.6695

Sweetspot

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



115.9220, 48.8455, 13.2234



218.7290, 17.8816, 4.6227



152.6720, 30.7277, -55.8403



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.



115.9220, 48.8455, 13.2234



114.9330, 69.0530, 18.4758



134.7590, 39.5588, 51.9544



98.4500, 4.2152, 1.3594



36.5370, 66.2903, 17.9461



9.0880, 16.7186, 4.3078

Inverse Universe

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



136.2500, 18.1178, 69.0637



143.6740, 25.3037, 97.6329



169.2410, -39.5588, -51.9544



100.2010, 1.8729, 5.9627



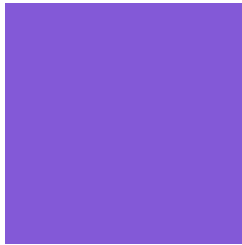
64.1250, 24.5884, 93.7294



16.1630, 6.3286, 23.5360

Previews

White Background



This preview shows how the YUV color 115.9220, 48.8455, 13.2234 looks on a white background.

Color Contrast Check

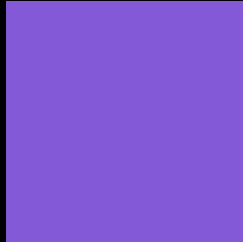
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.9220, 48.8455, 13.2234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

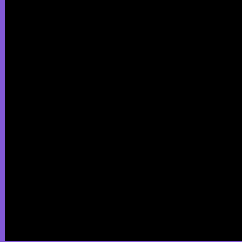
Any Text WCAG AA × Fail

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 115.9220, 48.8455, 13.2234 Background



This preview shows how black text looks on a background with the YUV color 115.9220, 48.8455, 13.2234.



This preview shows how white text looks on a background with the YUV color 115.9220, 48.8455,

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

115.9220, 48.8455, 13.2234

Deuteranopia

91.5760, 56.4110, -80.3122

Tritanopia

113.8300, 4.5208, -3.3589

Trichromacy



Original Color

115.9220, 48.8455, 13.2234



Deuteranomaly

100.4000, 53.5398, -45.9548



Tritanomaly

114.7010, 20.3604, 2.8932

Monochromacy



Original Color

115.9220, 48.8455, 13.2234



Achromatopsia

116.0000, 0.0000, 0.0000



Achromatomaly

115.7290, 17.8816, 4.6227

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.9220, 48.8455, 13.2234 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, 89, 215)` looks like.

```
.text, #text, p{  
    color:rgb(131, 89, 215)  
}
```

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, 89, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 89, 215) }
```

Border

The CSS property to change the border of an element to YUV 115.9220, 48.8455, 13.2234 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, 89, 215) }
```

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

```
.border{ border-color:rgb(131, 89, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 89, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 89, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 89, 215); box-shadow:4px 4px 4px 4px rgb(131, 89, 215) }
```


Background

The CSS property to change the background color of an element to YUV 115.9220, 48.8455, 13.2234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 89, 215) }
```

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

```
.background{ background-color: rgb(131, 89,  
215) }
```

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