

Converting Colors

YUV(115.8680, 47.3931,
12.3938)

Have a look what the booklet for
YUV(115.8680, 47.3931, 12.3938)
contains.

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Color

**YUV(115.8680, 47.3931,
12.3938)**

Conversions

Conversions Part 1

Format	Color
Hex	825AD4
RGB	130, 90, 212
RGB Percent	51%, 35%, 83%
CMY	0.4902, 0.6471, 0.1686
CMYK	0.39, 0.58, 0.00, 0.17
HSL	260°, 59%, 59%
HSV	260°, 58%, 83%
XYZ	24.7458, 16.8116, 64.2281
YIQ	115.8680, -15.3220, 46.4220

Conversions

Conversions Part 2

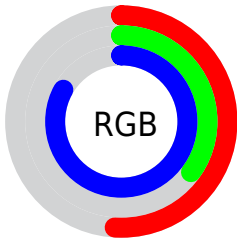
Format	Color
R _Y B	130, 90, 212
Decimal	8542932
CIE Lab	48.02, 43.31, -57.35
CIE LCh	48, 71.869, 307.062
Yxy	16.8116, 0.2339, 0.1589
Android (android.graphics.Color)	4286733012 (0xFF825AD4)
YUV	115.8680, 47.3931, 12.3938
Hunter-Lab	41.0020, 35.9759, -64.1742

Details

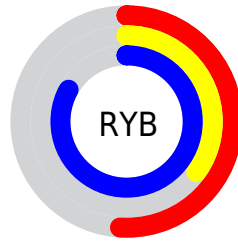
The YUV color **115.8680, 47.3931, 12.3938** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **186.1320, -47.3931, -12.3938**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7500, 43.0142, 16.8822**, and **63.6780, 45.5147, 8.1754** is the 20% darker color. If you saturate the color by 10%, you get **99.3550, 55.5340, 14.5977**, and if you desaturate by 10%, it is **132.3810, 39.2522, 10.1899**.

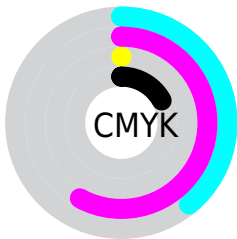
Distribution



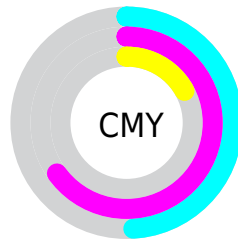
- Red (51%)
- Green (35%)
- Blue (83%)



- Red (51%)
- Yellow (35%)
- Blue (83%)



- Cyan (39%)
- Magenta (58%)
- Yellow (0%)
- Black (17%)



- Cyan (49%)
- Magenta (65%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.8680, 47.3931, 12.3938 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 115.8680, 47.3931, 12.3938 by changing the saturation by 10% instead.

■ 115.8680, 47.3931,
12.3938

■ 115.8680, 47.3931,
12.3938

■ 255.0000, 0.0000,
0.0000

■ 89.6290, 46.5249,
10.8494

■ 167.7500, 43.0142,
16.8822

■ 63.6780, 45.5147,
8.1754

■ 192.2700, 30.9259,
20.8112

■ 37.6560, 45.5256,
4.6867

■ 217.6760, 18.4007,
24.8401

■ 11.8560, 45.4270,
-10.3977

■ 236.8030, 8.9711,
15.9588

■ 9.0060, 34.5070,
-7.8983

■ 253.8260, 0.5788,
1.0296

■ 9.2050, 22.5769,
-8.0728

■ 4.9360, 13.8356,

-4.3289

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 115.8680, 47.3931,
12.3938

■ 115.8680, 47.3931,
12.3938

■ 99.3550, 55.5340,
14.5977

■ 132.3810, 39.2522,
10.1899

■ 82.8420, 63.6749,
16.8016

■ 148.8940, 31.1113,
7.9860

■ 65.4430, 72.2526,
18.9055

■ 166.2930, 22.5336,
5.8820

■ 48.9300, 80.3935,
21.1094

■ 182.8060, 14.3926,
3.6781

45.0980, 82.2827,
21.8391

199.3190, 6.2517,
1.4742

215.8320, -1.8892,
-0.7297

232.6440,
-10.1775, -2.3188

246.8090,
-17.1608, -2.4635

250.0980,
-18.7823, 4.2991

Harmonies

Analogous

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



95.5830, 69.2256, -83.8263



115.8680, 47.3931, 12.3938



107.9980, 27.1160, 76.3008

Triad

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



115.8680, 47.3931, 12.3938



106.9160, -52.7096, 59.7097



96.6580, 14.9586, -84.7691

Complementary

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



115.8680, 47.3931, 12.3938



186.1320, -47.3931, -12.3938

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.



87.6010, -12.1283, -76.8261



115.8680, 47.3931, 12.3938



105.7660, -52.1426, 17.7452

Square

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



115.8680, 47.3931, 12.3938



101.8410, -28.5156, 93.1014



93.6520, -46.1704, -31.2668



102.7970, 41.0191, -90.1530

Rectangle

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



115.8680, 47.3931, 12.3938



96.5040, 13.0625, 103.9210



93.6520, -46.1704, -31.2668



93.6770, 6.0752, -82.1547

Sweetspot

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



115.8680, 47.3931, 12.3938



221.0880, 16.7186, 4.3078



152.6290, 29.2699, -54.9256



107.3560, 10.1775, 2.3188



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.



115.8680, 47.3931, 12.3938



116.4060, 68.3268, 18.0609



133.8080, 38.5487, 49.2804



98.4500, 4.2152, 1.3594



36.2380, 66.4377, 17.3313



9.0880, 16.7186, 4.3078

Inverse Universe

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



135.8260, 17.8338, 66.8046



145.0760, 25.5985, 96.4033



168.1920, -38.5487, -49.2804



100.2010, 1.8729, 5.9627



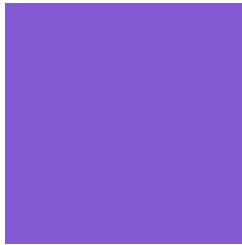
64.2390, 25.0252, 93.6294



16.1630, 6.3286, 23.5360

Previews

White Background



This preview shows how the YUV color 115.8680, 47.3931, 12.3938 looks on a white background.

Color Contrast Check

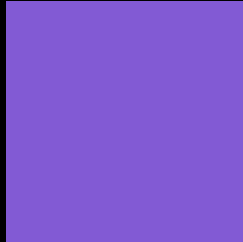
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.8680, 47.3931, 12.3938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

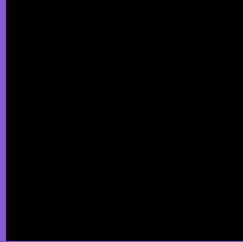
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.8680, 47.3931, 12.3938

Background



This preview shows how black text looks on a background with the YUV color 115.8680, 47.3931, 12.3938.



This preview shows how white text looks on a background with the YUV color 115.8680, 47.3931, 12.3938.

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

115.8680, 47.3931, 12.3938

Protanopia

94.4210, 68.3194, -73.1602

Deuteranopia

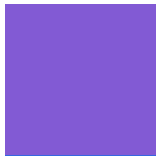
91.5760, 56.4110, -80.3122



Tritanopia

113.8300, 4.5208, -3.3589

Trichromacy



Original Color

115.8680, 47.3931, 12.3938



Protanomaly

102.2570, 60.5123, -42.3214



Deuteranomaly

100.5740, 52.9610, -46.9844



Tritanomaly

114.2880, 20.0710, 2.3784

Monochromacy



Original Color

115.8680, 47.3931, 12.3938



Achromatopsia

116.0000, 0.0000, 0.0000



Achromatomaly

116.2020, 17.1554, 4.2078

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.8680, 47.3931, 12.3938 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(130, 90, 212)` looks like.

```
.text, #text, p{  
    color:rgb(130, 90, 212)  
}
```

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(130, 90, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 90, 212) }
```

Border

The CSS property to change the border of an element to YUV 115.8680, 47.3931, 12.3938 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(130, 90, 212) }
```


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

```
.border{ border-color:rgb(130, 90, 212) }
```

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

Here you see how a box with a 4 pixel rgb(130, 90, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 90, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 90, 212);  
box-shadow:4px 4px 4px 4px rgb(130, 90,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 115.8680, 47.3931, 12.3938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 90, 212) }
```

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

```
.background{ background-color: rgb(130, 90,  
212) }
```

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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