

Converting Colors

YUV(112.8690, 45.9136,
20.2859)

Have a look what the booklet for
YUV(112.8690, 45.9136, 20.2859)
contains.

YUV(112.8690, 45.9136, 20.2859)	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(112.8690, 45.9136,
20.2859)**

Conversions

Conversions Part 1

Format	Color
Hex	8853CE
RGB	136, 83, 206
RGB Percent	53%, 33%, 81%
CMY	0.4667, 0.6745, 0.1922
CMYK	0.34, 0.60, 0.00, 0.19
HSL	266°, 56%, 57%
HSV	266°, 60%, 81%
XYZ	24.3872, 15.8770, 60.1717
YIQ	112.8690, -7.8950, 49.4890

Conversions

Conversions Part 2

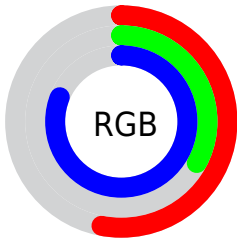
Format	Color
R _Y B	136, 83, 206
Decimal	8934350
CIE Lab	46.81, 46.98, -55.83
CIE LCh	47, 72.961, 310.079
Yxy	15.8770, 0.2428, 0.1581
Android (android.graphics.Color)	4287124430 (0xFF8853CE)
YUV	112.8690, 45.9136, 20.2859
Hunter-Lab	39.8459, 39.5182, -61.6423

Details

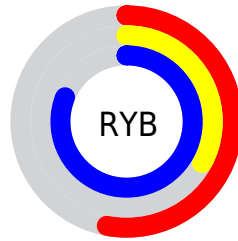
The YUV color **112.8690, 45.9136, 20.2859** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **176.1310, -45.9136, -20.2859**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0220, 43.8662, 23.6597**, and **60.5050, 44.6140, 17.0971** is the 20% darker color. If you saturate the color by 10%, you get **96.9540, 53.7597, 23.7193**, and if you desaturate by 10%, it is **128.7840, 38.0675, 16.8524**.

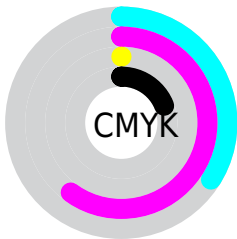
Distribution



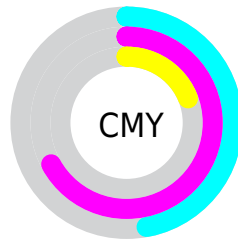
- Red (53%)
- Green (33%)
- Blue (81%)



- Red (53%)
- Yellow (33%)
- Blue (81%)



- Cyan (34%)
- Magenta (60%)
- Yellow (0%)
- Black (19%)



- Cyan (47%)
- Magenta (67%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.8690, 45.9136, 20.2859 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 112.8690, 45.9136, 20.2859 by changing the saturation by 10% instead.

■ 112.8690, 45.9136,
20.2859

■ 112.8690, 45.9136,
20.2859

■ 255.0000, 0.0000,
0.0000

■ 86.6300, 45.0454,
18.7415

■ 166.0220, 43.8662,
23.6597

■ 60.5050, 44.6140,
17.0971

■ 190.5420, 31.7778,
27.5887

■ 31.7330, 45.4876,
16.8972

■ 215.3610, 19.5420,
32.1324

■ 16.3690, 40.7371,
0.5534

■ 232.6940, 10.9969,
19.5624

■ 8.4360, 32.3231,
-7.3984

■ 249.7170, 2.6045,
4.6332

■ 8.0480, 20.6823,
-7.0581

■ 4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 112.8690, 45.9136,
20.2859

■ 112.8690, 45.9136,
20.2859

■ 96.9540, 53.7597,
23.7193

■ 128.7840, 38.0675,
16.8524

■ 81.9250, 61.1690,
27.2528

■ 143.8130, 30.6582,
13.3190

■ 66.0100, 69.0151,
30.6862

■ 159.7280, 22.8121,
9.8855

■ 50.6820, 76.5718,
33.6049

■ 175.0560, 15.2554,
6.9669

■ 50.0950, 76.8612,
34.1197

■ 190.9710, 7.4093,
3.5334

■ 206.5870, -0.2894,
-0.5148

■ 221.9150, -7.8461,
-3.4335

■ 237.8300,
-15.6922, -6.8669

■ 245.5270,
-19.4868, -3.0932

Harmonies

Analogous

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



92.3060, 69.3621, -80.9524



112.8690, 45.9136, 20.2859



101.1130, 26.0733, 84.0929

Triad

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



112.8690, 45.9136, 20.2859



103.9370, -51.2409, 55.3063



95.3530, 17.5740, -83.6246

Complementary

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



112.8690, 45.9136, 20.2859



176.1310, -45.9136, -20.2859

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.



86.1820, -9.9497, -75.5816



112.8690, 45.9136, 20.2859



102.1890, -50.3792, 12.1122

Square

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



112.8690, 45.9136, 20.2859



98.5050, -32.2940, 91.6421



87.3950, -43.0857, -40.6884



101.3780, 43.1976, -88.9085

Rectangle

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



112.8690, 45.9136, 20.2859



87.5480, 13.0408, 110.8984



87.3950, -43.0857, -40.6884



92.2580, 8.2538, -80.9103

Sweetspot

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



112.8690, 45.9136, 20.2859



220.2240, 17.1446, 7.6966



139.2860, 32.8900, -49.3628



106.1930, 10.7509, 5.0927



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.



112.8690, 45.9136, 20.2859



115.8960, 68.5783, 30.7862



130.8090, 37.0692, 57.1725



94.3360, 3.7784, 1.4593



40.1530, 62.0426, 27.0528



9.1160, 14.2398, 6.0373

Inverse Universe

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



127.7570, 12.4448, 68.6191



137.9860, 18.7409, 102.6213



158.1910, -37.0692, -57.1725



95.6740, 1.1467, 5.5479



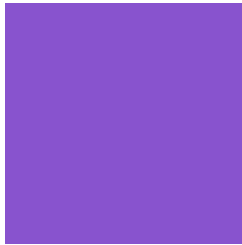
60.3500, 16.5894, 92.6551



13.8700, 4.0081, 21.1620

Previews

White Background



This preview shows how the YUV color 112.8690, 45.9136, 20.2859 looks on a white background.

Color Contrast Check

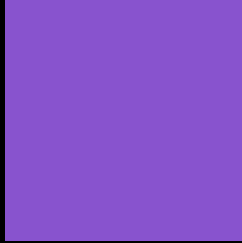
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.8690, 45.9136, 20.2859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

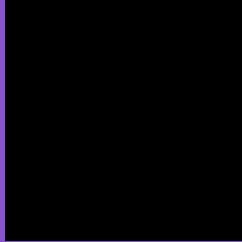
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.8690, 45.9136, 20.2859

Background



This preview shows how black text looks on a background with the YUV color 112.8690, 45.9136, 20.2859.



This preview shows how white text looks on a background with the YUV color 112.8690, 45.9136,

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

112.8690, 45.9136, 20.2859

Deuteranopia

94.5130, 52.0051, -67.1019

Tritanopia

111.9020, 2.0203, 5.3479

Trichromacy



Original Color

112.8690, 45.9136, 20.2859

Deuteranomaly

101.1410, 49.7235, -35.2037

Tritanomaly

112.4740, 18.0073, 10.9853

Monochromacy



Original Color

112.8690, 45.9136, 20.2859

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8110, 16.8552, 7.1818

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.8690, 45.9136, 20.2859 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(136, 83, 206)` looks like.

```
.text, #text, p{  
    color:rgb(136, 83, 206)  
}
```

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(136, 83, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 83, 206) }
```

Border

The CSS property to change the border of an element to YUV 112.8690, 45.9136, 20.2859 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(136, 83, 206) }
```

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

```
.border{ border-color:rgb(136, 83, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 83, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 83, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 83, 206);  
box-shadow:4px 4px 4px 4px rgb(136, 83,  
206) }
```


Background

The CSS property to change the background color of an element to YUV 112.8690, 45.9136, 20.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 83, 206) }
```

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

```
.background{ background-color: rgb(136, 83,  
206) }
```

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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