

Converting Colors

YUV(128.2930, 42.7466, 9.3900)

Have a look what the booklet for
YUV(128.2930, 42.7466, 9.3900)
contains.

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Color

**YUV(128.2930, 42.7466,
9.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	8B6AD7
RGB	139, 106, 215
RGB Percent	55%, 42%, 84%
CMY	0.4549, 0.5843, 0.1569
CMYK	0.35, 0.51, 0.00, 0.16
HSL	258°, 58%, 63%
HSV	258°, 51%, 84%
XYZ	28.0672, 20.7033, 66.8068
YIQ	128.2930, -15.3210, 40.8950

Conversions

Conversions Part 2

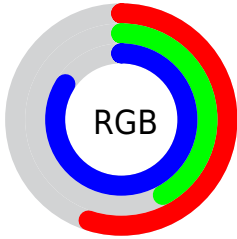
Format	Color
RYB	139, 106, 215
Decimal	9136855
CIELab	52.62, 37.17, -51.63
CIELCh	53, 63.619, 305.749
Yxy	20.7033, 0.2428, 0.1791
Android (android.graphics.Color)	4287326935 (0xFF8B6AD7)
YUV	128.2930, 42.7466, 9.3900
Hunter-Lab	45.5009, 30.4811, -55.2020

Details

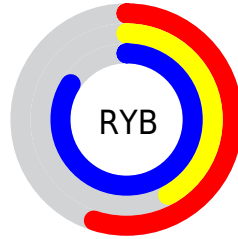
The YUV color **128.2930, 42.7466, 9.3900** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **192.7070, -42.7466, -9.3900**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.4200, 36.7679, 13.6637**, and **76.7010, 40.5734, 6.4012** is the 20% darker color. If you saturate the color by 10%, you get **111.4810, 51.0349, 10.9792**, and if you desaturate by 10%, it is **145.6920, 34.1688, 7.2861**.

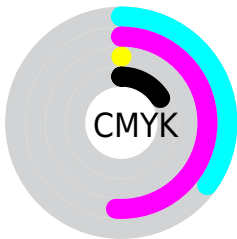
Distribution



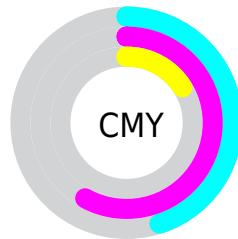
- Red (55%)
- Green (42%)
- Blue (84%)



- Red (55%)
- Yellow (42%)
- Blue (84%)



- Cyan (35%)
- Magenta (51%)
- Yellow (0%)
- Black (16%)



- Cyan (45%)
- Magenta (58%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.2930, 42.7466, 9.3900 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 128.2930, 42.7466, 9.3900 by changing the saturation by 10% instead.

128.2930, 42.7466,
9.3900

128.2930, 42.7466,
9.3900

255.0000, 0.0000,
0.0000

102.0540, 41.8784,
7.8456

180.4200, 36.7679,
13.6637

76.7010, 40.5734,
6.4012

204.9400, 24.6796,
17.5926

51.8640, 40.0000,
3.6273

230.0470, 12.3018,
21.0068

26.4180, 39.7269,
-2.1206

247.3690, 3.7621,
6.6924

9.3480, 35.8174,
-8.1982

7.1990, 25.0449,
-6.3135

5.1640, 14.7091,

-4.5288

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 128.2930, 42.7466,
9.3900

■ 128.2930, 42.7466,
9.3900

■ 111.4810, 51.0349,
10.9792

■ 145.6920, 34.1688,
7.2861

■ 94.0820, 59.6126,
13.0831

■ 162.5040, 25.8805,
5.6970

■ 77.2700, 67.9009,
14.6722

■ 179.9030, 17.3028,
3.5931

■ 59.8710, 76.4786,
16.7761

■ 196.7150, 9.0145,
2.0039

43.9450, 84.3301,
18.4652

214.1140, 0.4368,
-0.1000

230.9260, -7.8515,
-1.6891

247.1510,
-15.8504, -2.7634

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.



102.5130, 65.3161, -89.9039



128.2930, 42.7466, 9.3900



125.4820, 22.9334, 64.4753

Triad

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



128.2930, 42.7466, 9.3900



119.0900, -53.2884, 58.6801



103.4400, 15.5591, -90.7169

Complementary

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



128.2930, 42.7466, 9.3900



192.7070, -42.7466, -9.3900

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.



95.1810, -8.4702, -83.4737



128.2930, 42.7466, 9.3900



116.7080, -57.5370, 21.3041

Square

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



128.2930, 42.7466, 9.3900



119.2420, -26.7413, 83.9798



109.6900, -43.7242, -22.5301



108.8950, 38.9988, -95.5009

Rectangle

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



128.2930, 42.7466, 9.3900



120.6020, 7.5912, 85.4180



109.6900, -43.7242, -22.5301



101.2740, 7.2599, -88.8173

Sweetspot

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



128.2930, 42.7466, 9.3900



224.6210, 14.9768, 2.9634



163.0380, 25.6173, -50.0223



109.4160, 9.1619, 1.3892



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.



128.2930, 42.7466, 9.3900



131.1360, 61.0650, 13.9127



144.4390, 34.7866, 42.5880



98.4500, 4.2152, 1.3594



35.0420, 67.0273, 14.8722



8.7890, 16.8660, 3.6930

Inverse Universe

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



147.2550, 17.1293, 59.4124



158.0700, 24.6155, 85.0076



176.5610, -34.7866, -42.5880



100.2010, 1.8729, 5.9627



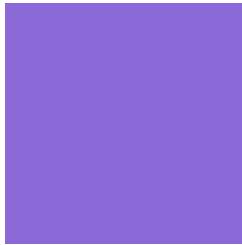
64.6950, 26.7724, 93.2295



16.2770, 6.7654, 23.4361

Previews

White Background



This preview shows how the YUV color 128.2930, 42.7466, 9.3900 looks on a white background.

Color Contrast Check

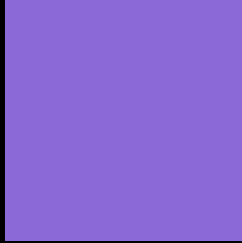
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 128.2930, 42.7466, 9.3900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

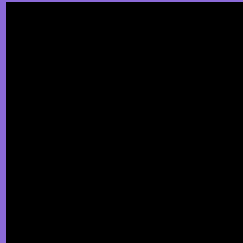
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.2930, 42.7466, 9.3900

Background



This preview shows how black text looks on a background with the YUV color 128.2930, 42.7466, 9.3900.



This preview shows how white text looks on a background with the YUV color 128.2930, 42.7466, 9.3900.

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

128.2930, 42.7466, 9.3900

Protanopia

118.8780, 55.2761, -42.8660

Deuteranopia

118.6360, 45.5355, -45.2848



Tritanopia

125.2430, 4.8102, -2.8441

Trichromacy



Original Color

128.2930, 42.7466, 9.3900



Protanomaly

122.1470, 50.7065, -23.8079



Deuteranomaly

121.8280, 44.4548, -25.2822



Tritanomaly

126.2340, 18.6186, 1.5488

Monochromacy



Original Color

128.2930, 42.7466, 9.3900



Achromatopsia

128.0000, 0.0000, 0.0000



Achromatomaly

128.1480, 15.7030, 3.3782

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.2930, 42.7466, 9.3900 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(139, 106, 215)` looks like.

```
.text, #text, p{  
    color:rgb(139, 106, 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(139, 106, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 106, 215) }
```

Border

The CSS property to change the border of an element to YUV 128.2930, 42.7466, 9.3900 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(139, 106, 215) }
```


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

```
.border{ border-color:rgb(139, 106, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 106, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 106, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 106, 215);  
box-shadow:4px 4px 4px 4px rgb(139, 106,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 128.2930, 42.7466, 9.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 106, 215) }
```

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

```
.background{ background-color: rgb(139,  
106, 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](#).

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