

Converting Colors

YUV(111.4140, 42.6869,
28.5779)

Have a look what the booklet for
YUV(111.4140, 42.6869, 28.5779)
contains.

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Color

**YUV(111.4140, 42.6869,
28.5779)**

Conversions

Conversions Part 1

Format	Color
Hex	904EC6
RGB	144, 78, 198
RGB Percent	56%, 31%, 78%
CMY	0.4353, 0.6941, 0.2235
CMYK	0.27, 0.61, 0.00, 0.22
HSL	273°, 51%, 54%
HSV	273°, 61%, 78%
XYZ	24.4190, 15.4553, 55.1222
YIQ	111.4140, 0.8160, 51.3120

Conversions

Conversions Part 2

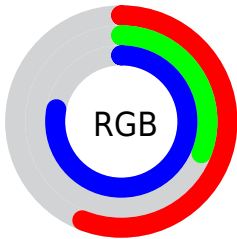
Format	Color
RYB	144, 78, 198
Decimal	9457350
CIELab	46.25, 49.53, -52.07
CIElCh	46, 71.865, 313.570
Yxy	15.4553, 0.2571, 0.1627
Android (android.graphics.Color)	4287647430 (0xFF904EC6)
YUV	111.4140, 42.6869, 28.5779
Hunter-Lab	39.3132, 42.0755, -55.6130

Details

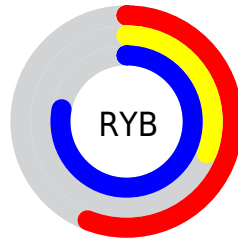
The YUV color **111.4140, 42.6869, 28.5779** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **164.5860, -42.6869, -28.5779**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.4790, 44.1339, 31.1519**, and **58.1750, 41.8187, 27.0335** is the 20% darker color. If you saturate the color by 10%, you get **96.9830, 49.8014, 33.3409**, and if you desaturate by 10%, it is **125.8450, 35.5724, 23.8149**.

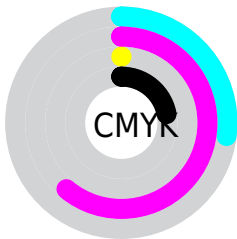
Distribution



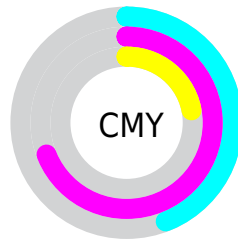
- Red (56%)
- Green (31%)
- Blue (78%)



- Red (56%)
- Yellow (31%)
- Blue (78%)



- Cyan (27%)
- Magenta (61%)
- Yellow (0%)
- Black (22%)



- Cyan (44%)
- Magenta (69%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.4140, 42.6869, 28.5779 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 111.4140, 42.6869, 28.5779 by changing the saturation by 10% instead.

■ 111.4140, 42.6869,
28.5779

■ 111.4140, 42.6869,
28.5779

■ 255.0000, 0.0000,
0.0000

■ 84.5880, 42.1081,
27.5483

■ 165.4790, 44.1339,
31.1519

■ 58.1750, 41.8187,
27.0335

■ 189.9990, 32.0455,
35.0809

■ 31.5770, 42.1135,
25.8040

■ 213.9100, 20.2574,
36.0359

■ 20.3550, 35.3210,
11.0897

■ 230.3460, 12.1544,
21.6216

■ 7.6380, 29.2655,
-6.6985

■ 247.3690, 3.7621,
6.6924

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 111.4140, 42.6869,
28.5779

■ 111.4140, 42.6869,
28.5779

■ 96.9830, 49.8014,
33.3409

■ 125.8450, 35.5724,
23.8149

■ 82.5520, 56.9159,
38.1039

■ 140.2760, 28.4579,
19.0519

■ 68.7080, 63.7410,
42.3521

■ 154.1200, 21.6328,
14.8038

■ 55.1630, 70.4186,
47.2150

■ 168.5510, 14.5184,
10.0408

■ 182.9820, 7.4039,
5.2778

■ 197.1140, 0.4368,
-0.1000

■ 211.5450, -6.6777,
-4.8630

■ 225.3890,
-13.5028, -9.1112

■ 239.2330,
-20.3279, -13.3593

Harmonies

Analogous

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



89.3880, 68.3357, -78.3933



111.4140, 42.6869, 28.5779



98.0380, 23.1523, 87.6667

Triad

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



111.4140, 42.6869, 28.5779



103.0180, -50.7879, 49.9732



94.7490, 20.3367, -83.0949

Complementary

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



111.4140, 42.6869, 28.5779



164.5860, -42.6869, -28.5779

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.



86.3930, -6.6027, -75.7667



111.4140, 42.6869, 28.5779



100.3840, -49.4893, 6.6792

Square

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



111.4140, 42.6869, 28.5779



98.2610, -35.6247, 86.5941



81.7250, -40.2904, -50.6248



100.5460, 45.0868, -88.1788

Rectangle

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



111.4140, 42.6869, 28.5779



86.5110, 9.1151, 110.0539



81.7250, -40.2904, -50.6248



92.3550, 11.1640, -80.9953

Sweetspot

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



111.4140, 42.6869, 28.5779



221.7190, 16.4075, 10.7704



123.3780, 36.7886, -39.7965



107.0900, 10.3086, 6.9371



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.



111.4140, 42.6869, 28.5779



120.7020, 66.2089, 44.1113



126.8760, 32.1061, 62.3757



92.5210, 3.1941, 2.1741



45.4920, 57.9314, 39.0335



10.0840, 12.7766, 8.6963

Inverse Universe

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



120.0360, 5.8983, 68.3744



134.1900, 9.2733, 105.9504



149.1240, -32.1061, -62.3757



93.1470, 0.4205, 5.1331



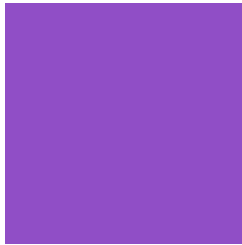
57.0590, 7.8589, 92.9103



12.5880, 1.6821, 20.5323

Previews

White Background



This preview shows how the YUV color 111.4140, 42.6869, 28.5779 looks on a white background.

Color Contrast Check

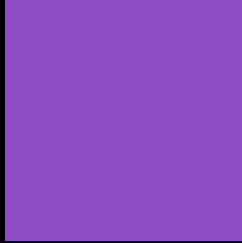
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.4140, 42.6869, 28.5779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

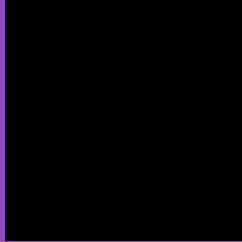
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.4140, 42.6869, 28.5779

Background



This preview shows how black text looks on a background with the YUV color 111.4140, 42.6869, 28.5779.



This preview shows how white text looks on a background with the YUV color 111.4140, 42.6869,

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

111.4140, 42.6869, 28.5779

Protanopia

87.8720, 67.6041, -77.0637

Deuteranopia

99.7880, 44.9675, -49.8031



Tritanopia

111.6860, -0.3382, 15.1844

Trichromacy



Original Color

111.4140, 42.6869, 28.5779

Protanomaly

96.4100, 58.4649, -38.9476

Deuteranomaly

104.1490, 44.2965, -21.1787

Tritanomaly

111.5460, 15.5068, 19.6922

Monochromacy



Original Color

111.4140, 42.6869, 28.5779

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.1920, 15.6813, 10.3556

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.4140, 42.6869, 28.5779 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(144, 78, 198)` looks like.

```
.text, #text, p{  
    color:rgb(144, 78, 198)  
}
```

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(144, 78, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 78, 198) }
```

Border

The CSS property to change the border of an element to YUV 111.4140, 42.6869, 28.5779 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(144, 78, 198) }
```


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

```
.border{ border-color:rgb(144, 78, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 78, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 78, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 78, 198);  
box-shadow:4px 4px 4px 4px rgb(144, 78,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 111.4140, 42.6869, 28.5779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 78, 198) }
```

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

```
.background{ background-color: rgb(144, 78,  
198) }
```

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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