

Converting Colors

YUV(111.9030, 40.9668,
20.2561)

Have a look what the booklet for
YUV(111.9030, 40.9668, 20.2561)
contains.

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Color

**YUV(111.9030, 40.9668,
20.2561)**

Conversions

Conversions Part 1

Format	Color
Hex	8754C3
RGB	135, 84, 195
RGB Percent	53%, 33%, 76%
CMY	0.4706, 0.6706, 0.2353
CMYK	0.31, 0.57, 0.00, 0.24
HSL	268°, 48%, 55%
HSV	268°, 57%, 76%
XYZ	23.0123, 15.4317, 53.3955
YIQ	111.9030, -5.2350, 45.3330

Conversions

Conversions Part 2

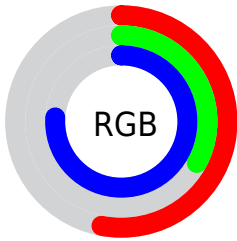
Format	Color
R_{YB}	135, 84, 195
Decimal	8869059
CIE _{Lab}	46.22, 43.44, -50.44
CIE _{LCh}	46, 66.571, 310.738
Yxy	15.4317, 0.2506, 0.1680
Android (android.graphics.Color)	4287059139 (0xFF8754C3)
YUV	111.9030, 40.9668, 20.2561
Hunter-Lab	39.2832, 35.8209, -53.0915

Details

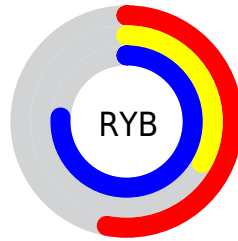
The YUV color **111.9030, 40.9668, 20.2561** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **167.0970, -40.9668, -20.2561**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.0820, 42.8506, 22.7301**, and **60.4250, 39.2305, 17.1673** is the 20% darker color. If you saturate the color by 10%, you get **97.4610, 48.0867, 23.2747**, and if you desaturate by 10%, it is **126.9320, 33.5575, 16.7226**.

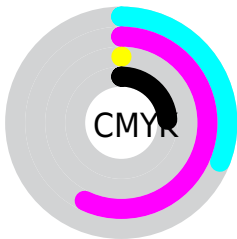
Distribution



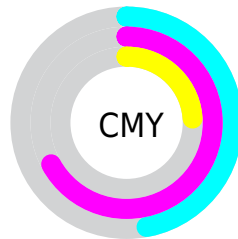
- Red (53%)
- Green (33%)
- Blue (76%)



- Red (53%)
- Yellow (33%)
- Blue (76%)



- Cyan (31%)
- Magenta (57%)
- Yellow (0%)
- Black (24%)



- Cyan (47%)
- Magenta (67%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.9030, 40.9668, 20.2561 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 111.9030, 40.9668, 20.2561 by changing the saturation by 10% instead.

■ 111.9030, 40.9668,
20.2561

■ 111.9030, 40.9668,
20.2561

■ 255.0000, 0.0000,
0.0000

■ 85.9630, 39.9512,
19.3264

■ 165.0820, 42.8506,
22.7301

■ 60.4250, 39.2305,
17.1673

■ 189.9440, 32.0726,
26.3591

■ 32.9520, 39.9567,
17.5821

■ 215.3500, 19.5475,
30.3881

■ 17.0230, 35.4847,
5.2418

■ 233.2810, 10.7075,
19.0476

■ 7.4100, 28.3919,
-6.4986

■ 250.3040, 2.3151,
4.1184

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 111.9030, 40.9668,
20.2561

■ 111.9030, 40.9668,
20.2561

■ 97.4610, 48.0867,
23.2747

■ 126.9320, 33.5575,
16.7226

■ 82.7310, 55.3486,
27.4229

■ 141.0750, 26.5850,
13.0892

■ 67.7020, 62.7579,
30.9563

■ 156.1040, 19.1757,
9.5558

■ 53.5590, 69.7304,
34.5898

■ 170.2470, 12.2032,
5.9224

■ 49.1400, 71.9090,
35.8342

■ 185.2760, 4.7939,
2.3889

■ 199.4190, -2.1786,
-1.2445

■ 213.8610, -9.2985,
-4.2631

■ 228.5910,
-16.5604, -8.4113

■ 240.6850,
-22.5227, -9.3707

Harmonies

Analogous

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



89.6500, 64.2626, -78.6230



111.9030, 40.9668, 20.2561



103.9070, 21.7378, 74.6266

Triad

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



111.9030, 40.9668, 20.2561



102.7300, -50.6459, 51.1028



93.3640, 17.5685, -81.8802

Complementary

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



111.9030, 40.9668, 20.2561



167.0970, -40.9668, -20.2561

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.



85.4640, -7.6238, -74.9519



111.9030, 40.9668, 20.2561



100.7160, -49.6530, 12.5271

Square

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



111.9030, 40.9668, 20.2561



100.4930, -30.8090, 82.0056



88.3140, -43.5388, -35.3554



98.8190, 41.0082, -86.6643

Rectangle

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



111.9030, 40.9668, 20.2561



96.5430, 7.1273, 94.2398



88.3140, -43.5388, -35.3554



90.4970, 9.1220, -79.3659

Sweetspot

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



111.9030, 40.9668, 20.2561



220.4690, 15.5448, 7.4817



132.4610, 30.8317, -42.5003



108.5520, 9.5879, 4.7779



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.



111.9030, 40.9668, 20.2561



124.1150, 63.0473, 31.4711



128.0490, 33.0068, 53.4540



89.6350, 3.6309, 2.0741



40.4800, 59.4164, 29.3970



8.2470, 12.2032, 5.9224

Inverse Universe

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



124.0290, 9.8457, 62.2416



142.7310, 15.4156, 95.8289



150.9510, -33.0068, -53.4540



90.5600, 0.7099, 5.6479



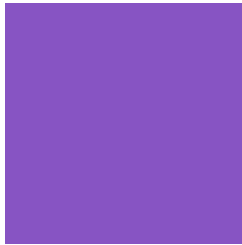
58.0570, 14.2689, 90.2810



11.9190, 2.9979, 18.4880

Previews

White Background



This preview shows how the YUV color 111.9030, 40.9668, 20.2561 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 111.9030, 40.9668, 20.2561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

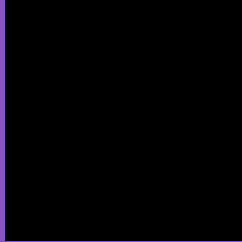
Any Text WCAG AA × Fail

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 111.9030, 40.9668, 20.2561 Background



This preview shows how black text looks on a background with the YUV color 111.9030, 40.9668, 20.2561.



This preview shows how white text looks on a background with the YUV color 111.9030, 40.9668,

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

111.9030, 40.9668, 20.2561

Protanopia

98.1370, 59.0925, -53.6171

Deuteranopia

100.7560, 43.5043, -47.1440



Tritanopia

111.0980, 1.4307, 7.8071

Trichromacy



Original Color

111.9030, 40.9668, 20.2561

Protanomaly

103.2930, 52.6066, -26.5670

Deuteranomaly

104.6820, 42.5548, -22.5231

Tritanomaly

111.2030, 15.6759, 12.1000

Monochromacy



Original Color

111.9030, 40.9668, 20.2561

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.9420, 14.8186, 7.0669

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.9030, 40.9668, 20.2561 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(135, 84, 195)` looks like.

```
.text, #text, p{  
    color:rgb(135, 84, 195)  
}
```

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(135, 84, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 84, 195) }
```

Border

The CSS property to change the border of an element to YUV 111.9030, 40.9668, 20.2561 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(135, 84, 195) }
```


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

```
.border{ border-color:rgb(135, 84, 195) }
```

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

Here you see how a box with a 4 pixel rgb(135, 84, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 84, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 84, 195);  
box-shadow:4px 4px 4px 4px rgb(135, 84,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 111.9030, 40.9668, 20.2561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 84, 195) }
```

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

```
.background{ background-color: rgb(135, 84,  
195) }
```

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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