

Converting Colors

YUV(120.6420, 40.1095,
15.2230)

Have a look what the booklet for
YUV(120.6420, 40.1095, 15.2230)
contains.

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Color

**YUV(120.6420, 40.1095,
15.2230)**

Conversions

Conversions Part 1

Format	Color
Hex	8A60CA
RGB	138, 96, 202
RGB Percent	54%, 38%, 79%
CMY	0.4588, 0.6235, 0.2078
CMYK	0.32, 0.52, 0.00, 0.21
HSL	264°, 50%, 58%
HSV	264°, 52%, 79%
XYZ	25.3248, 18.0333, 58.0231
YIQ	120.6420, -8.9940, 41.8700

Conversions

Conversions Part 2

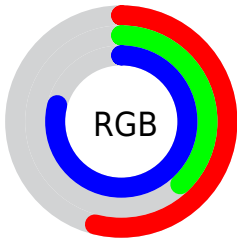
Format	Color
R _Y B	138, 96, 202
Decimal	9068746
CIE Lab	49.54, 39.26, -49.15
CIE LCh	50, 62.905, 308.612
Yxy	18.0333, 0.2498, 0.1779
Android (android.graphics.Color)	4287258826 (0xFF8A60CA)
YUV	120.6420, 40.1095, 15.2230
Hunter-Lab	42.4656, 32.1354, -51.2853

Details

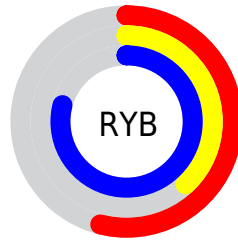
The YUV color **120.6420, 40.1095, 15.2230** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **177.3580, -40.1095, -15.2230**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.9520, 39.9567, 17.5821**, and **69.4630, 38.2257, 12.7489** is the 20% darker color. If you saturate the color by 10%, you get **105.3140, 47.6662, 18.1416**, and if you desaturate by 10%, it is **135.9700, 32.5528, 12.3043**.

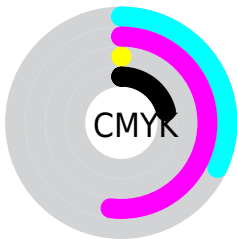
Distribution



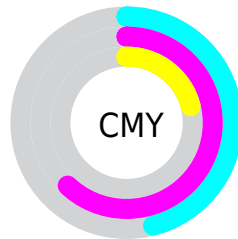
- Red (54%)
- Green (38%)
- Blue (79%)



- Red (54%)
- Yellow (38%)
- Blue (79%)



- Cyan (32%)
- Magenta (52%)
- Yellow (0%)
- Black (21%)



- Cyan (46%)
- Magenta (62%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.6420, 40.1095, 15.2230 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 120.6420, 40.1095, 15.2230 by changing the saturation by 10% instead.

120.6420, 40.1095,
15.2230

120.6420, 40.1095,
15.2230

255.0000, 0.0000,
0.0000

94.7020, 39.0939,
14.2933

173.9520, 39.9567,
17.5821

69.4630, 38.2257,
12.7489

198.4720, 27.8683,
21.5111

44.6260, 37.6524,
9.9750

223.2910, 15.6325,
26.0548

18.9030, 37.5158,
7.1011

240.9120, 6.9454,
12.3552

8.0940, 31.0127,
-7.0984

7.8200, 19.8087,
-6.8581

3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 120.6420, 40.1095,
15.2230

■ 120.6420, 40.1095,
15.2230

■ 105.3140, 47.6662,
18.1416

■ 135.9700, 32.5528,
12.3043

■ 89.9860, 55.2229,
21.0603

■ 151.2980, 24.9961,
9.3857

■ 73.7720, 63.2164,
23.8790

■ 167.5120, 17.0026,
6.5670

■ 58.4440, 70.7731,
26.7976

■ 182.8400, 9.4459,
3.6483

■ 46.9480, 76.4406,
28.9866

■ 198.1680, 1.8892,
0.7297

■ 213.4960, -5.6675,
-2.1890

■ 228.8240,
-13.2242, -5.1076

■ 243.2770,
-20.3496, -6.3819

■ 246.8650,
-22.1184, 0.9954

Harmonies

Analogous

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



95.3890, 63.4052, -83.6562



120.6420, 40.1095, 15.2230



115.9230, 20.7440, 66.7195

Triad

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



120.6420, 40.1095, 15.2230



110.7150, -54.5825, 53.7469



98.4020, 16.5638, -86.2986

Complementary

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



120.6420, 40.1095, 15.2230



177.3580, -40.1095, -15.2230

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.



90.2570, -7.0287, -79.1554



120.6420, 40.1095, 15.2230



108.7120, -53.5950, 16.9156

Square

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



120.6420, 40.1095, 15.2230



111.4650, -28.3302, 80.2762



100.8680, -40.3609, -27.9482



103.6290, 39.1299, -90.8826

Rectangle

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



120.6420, 40.1095, 15.2230



111.1460, 5.8440, 85.8180



100.8680, -40.3609, -27.9482



95.7630, 8.9908, -83.9842

Sweetspot

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



120.6420, 40.1095, 15.2230



223.4580, 15.5502, 5.7373



146.2390, 27.4902, -44.0596



108.8400, 9.4459, 3.6483



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.



120.6420, 40.1095, 15.2230



131.4900, 60.8904, 23.2493



136.1900, 32.4443, 47.1914



94.3360, 3.7784, 1.4593



38.6580, 62.7796, 23.9789



8.8170, 14.3872, 5.4225

Inverse Universe

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



134.9900, 12.3299, 58.7678



153.1970, 18.6369, 89.2812



161.8100, -32.4443, -47.1914



95.6740, 1.1467, 5.5479



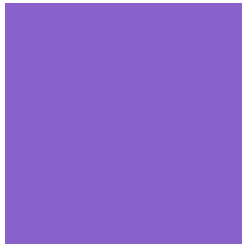
61.0340, 19.2102, 92.0552



13.9840, 4.4449, 21.0620

Previews

White Background



This preview shows how the YUV color 120.6420, 40.1095, 15.2230 looks on a white background.

Color Contrast Check

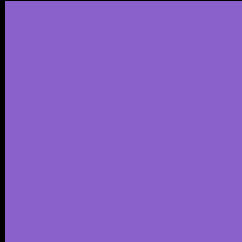
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.6420, 40.1095, 15.2230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

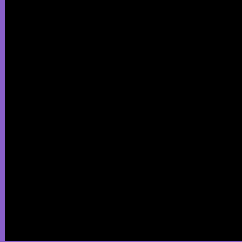
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.6420, 40.1095, 15.2230

Background



This preview shows how black text looks on a background with the YUV color 120.6420, 40.1095, 15.2230.



This preview shows how white text looks on a background with the YUV color 120.6420, 40.1095,

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

120.6420, 40.1095, 15.2230

Protanopia

110.5360, 53.9658, -42.5661

Deuteranopia

111.4470, 42.1776, -41.6110



Tritanopia

118.4180, 2.7519, 4.0184

Trichromacy



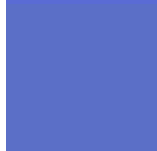
Original Color

120.6420, 40.1095, 15.2230



Protanomaly

114.0010, 48.8065, -21.0489



Deuteranomaly

115.0520, 41.3864, -21.0936



Tritanomaly

118.9960, 16.2710, 7.8965

Monochromacy



Original Color

120.6420, 40.1095, 15.2230



Achromatopsia

121.0000, 0.0000, 0.0000



Achromatomaly

120.8170, 14.3872, 5.4225

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.6420, 40.1095, 15.2230 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(138, 96, 202)` looks like.

```
.text, #text, p{  
    color:rgb(138, 96, 202)  
}
```

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(138, 96, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 96, 202) }
```

Border

The CSS property to change the border of an element to YUV 120.6420, 40.1095, 15.2230 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(138, 96, 202) }
```


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

```
.border{ border-color:rgb(138, 96, 202) }
```

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

Here you see how a box with a 4 pixel rgb(138, 96, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 96, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 96, 202);  
box-shadow:4px 4px 4px 4px rgb(138, 96,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 120.6420, 40.1095, 15.2230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 96, 202) }
```

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

```
.background{ background-color: rgb(138, 96,  
202) }
```

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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