

Converting Colors

YUV(121.4400, 43.1671,
14.5231)

Have a look what the booklet for
YUV(121.4400, 43.1671, 14.5231)
contains.

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Color

**YUV(121.4400, 43.1671,
14.5231)**

Conversions

Conversions Part 1

Format	Color
Hex	8A60D1
RGB	138, 96, 209
RGB Percent	54%, 38%, 82%
CMY	0.4588, 0.6235, 0.1804
CMYK	0.34, 0.54, 0.00, 0.18
HSL	262°, 55%, 60%
HSV	262°, 54%, 82%
XYZ	26.1727, 18.3725, 62.4884
YIQ	121.4400, -11.2410, 44.0470

Conversions

Conversions Part 2

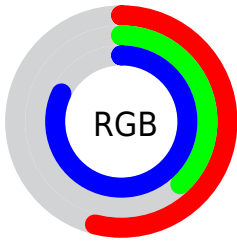
Format	Color
R_{YB}	138, 96, 209
Decimal	9068753
CIE _{Lab}	49.94, 41.05, -52.51
CIE _{LCh}	50, 66.647, 308.017
Yxy	18.3725, 0.2445, 0.1717
Android (android.graphics.Color)	4287258833 (0xFF8A60D1)
YUV	121.4400, 43.1671, 14.5231
Hunter-Lab	42.8631, 33.9838, -56.4323

Details

The YUV color **121.4400, 43.1671, 14.5231** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **183.5600, -43.1671, -14.5231**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.2510, 39.8093, 18.1969**, and **69.9620, 41.4307, 11.4343** is the 20% darker color. If you saturate the color by 10%, you get **105.2260, 51.1606, 17.3418**, and if you desaturate by 10%, it is **137.6540, 35.1736, 11.7044**.

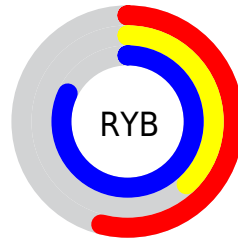
Distribution



Red (54%)

Green (38%)

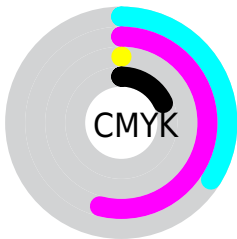
Blue (82%)



Red (54%)

Yellow (38%)

Blue (82%)

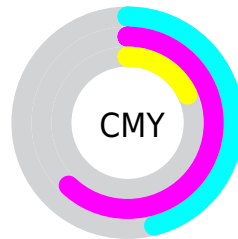


Cyan (34%)

Magenta (54%)

Yellow (0%)

Black (18%)



Cyan (46%)

Magenta (62%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.4400, 43.1671, 14.5231 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 121.4400, 43.1671, 14.5231 by changing the saturation by 10% instead.

■ 121.4400, 43.1671,
14.5231

■ 121.4400, 43.1671,
14.5231

■ 255.0000, 0.0000,
0.0000

■ 95.2010, 42.2989,
12.9787

■ 174.2510, 39.8093,
18.1969

■ 69.9620, 41.4307,
11.4343

■ 198.7710, 27.7209,
22.1258

■ 44.4240, 40.7100,
9.2752

■ 223.8780, 15.3431,
25.5400

■ 18.5050, 41.1630,
3.9421

■ 240.9120, 6.9454,
12.3552

■ 8.7780, 33.6334,
-7.6983

■ 8.9770, 21.7033,
-7.8728

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 121.4400, 43.1671,
14.5231

■ 121.4400, 43.1671,
14.5231

■ 105.2260, 51.1606,
17.3418

■ 137.6540, 35.1736,
11.7044

■ 89.0120, 59.1541,
20.1605

■ 153.8680, 27.1801,
8.8858

■ 72.7980, 67.1476,
22.9792

■ 170.0820, 19.1866,
6.0671

■ 56.2850, 75.2885,
25.1831

■ 186.5950, 11.0457,
3.8632

47.1480, 79.7930,
27.0572

202.8090, 3.0522,
1.0445

218.4360, -4.6519,
-1.2594

234.6500,
-12.6455, -4.0781

246.1680,
-18.3238, -2.7783

249.7560,
-20.0927, 4.5990

Harmonies

Analogous

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



97.4750, 66.3208, -85.4856



121.4400, 43.1671, 14.5231



116.1130, 22.6223, 70.9379

Triad

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



121.4400, 43.1671, 14.5231



111.3240, -54.8827, 56.7209



99.6900, 16.4218, -87.4281

Complementary

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



121.4400, 43.1671, 14.5231



183.5600, -43.1671, -14.5231

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.



91.2030, -8.4811, -79.9850



121.4400, 43.1671, 14.5231



109.8970, -54.1792, 17.6303

Square

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



121.4400, 43.1671, 14.5231



110.3840, -28.7833, 85.6092



99.2610, -46.4707, -28.2929



105.3730, 40.7351, -92.4121

Rectangle

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



121.4400, 43.1671, 14.5231



109.3470, 7.7169, 91.7807



99.2610, -46.4707, -28.2929



96.8230, 7.9753, -84.9138

Sweetspot

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



121.4400, 43.1671, 14.5231



223.1590, 15.6976, 5.1226



151.1460, 28.5220, -48.3630



108.5410, 9.5933, 3.0335



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.



121.4400, 43.1671, 14.5231



126.4620, 63.3692, 21.5198



138.1840, 34.9123, 48.9506



96.4500, 4.2152, 1.3594



37.9890, 64.0954, 21.9346



9.1590, 15.6976, 5.1226

Inverse Universe

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



137.8810, 14.3557, 62.3714



150.4900, 20.9574, 91.6553



166.8160, -34.9123, -48.9506



98.0870, 1.4361, 6.0627



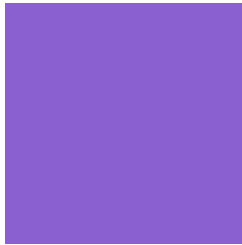
62.3160, 21.5362, 92.6849



15.2230, 5.3131, 22.6064

Previews

White Background



This preview shows how the YUV color 121.4400, 43.1671, 14.5231 looks on a white background.

Color Contrast Check

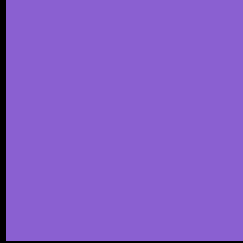
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.4400, 43.1671, 14.5231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

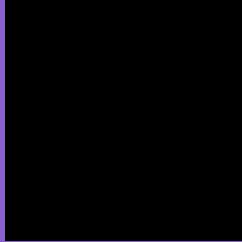
Any Text WCAG AA ✓ Pass

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 121.4400, 43.1671, 14.5231 Background



This preview shows how black text looks on a background with the YUV color 121.4400, 43.1671, 14.5231.



This preview shows how white text looks on a background with the YUV color 121.4400, 43.1671,

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

121.4400, 43.1671, 14.5231

Protanopia

109.6430, 58.3500, -48.7989

Deuteranopia

110.1410, 46.2725, -48.3587



Tritanopia

119.2220, 3.3416, 1.5593

Trichromacy



Original Color

121.4400, 43.1671, 14.5231

Protanomaly

114.0050, 52.7485, -25.4374

Deuteranomaly

114.0560, 45.3284, -25.4821

Tritanomaly

119.7400, 17.8762, 6.3670

Monochromacy



Original Color

121.4400, 43.1671, 14.5231

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.1590, 15.6976, 5.1226

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.4400, 43.1671, 14.5231 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(138, 96, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 96, 209) }
```

Border

The CSS property to change the border of an element to YUV 121.4400, 43.1671, 14.5231 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, 209) }
```


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

```
.border{ border-color:rgb(138, 96, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 96, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 96, 209);  
box-shadow:4px 4px 4px 4px rgb(138, 96,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 121.4400, 43.1671, 14.5231 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, 209) }
```

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

```
.background{ background-color: rgb(138, 96,  
209) }
```

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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