

Converting Colors

YUV(131.7420, 35.1302,
25.6593)

Have a look what the booklet for
YUV(131.7420, 35.1302, 25.6593)
contains.

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Color

**YUV(131.7420, 35.1302,
25.6593)**

Conversions

Conversions Part 1

Format	Color
Hex	A167CB
RGB	161, 103, 203
RGB Percent	63%, 40%, 80%
CMY	0.3686, 0.5961, 0.2039
CMYK	0.21, 0.49, 0.00, 0.20
HSL	275°, 49%, 60%
HSV	275°, 49%, 80%
XYZ	30.3277, 21.5894, 59.0686
YIQ	131.7420, 2.4680, 43.3960

Conversions

Conversions Part 2

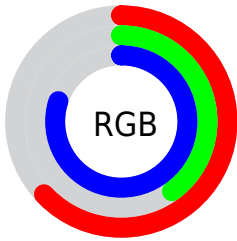
Format	Color
R _Y B	161, 103, 203
Decimal	10577867
CIE Lab	53.59, 41.72, -43.14
CIE LCh	54, 60.008, 314.042
Yxy	21.5894, 0.2733, 0.1945
Android (android.graphics.Color)	4288767947 (0xFFA167CB)
YUV	131.7420, 35.1302, 25.6593
Hunter-Lab	46.4644, 35.1959, -42.8484

Details

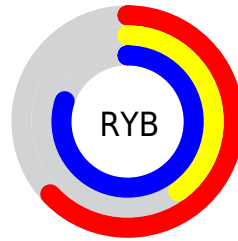
The YUV color **131.7420, 35.1302, 25.6593** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **174.2580, -35.1302, -25.6593**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.8240, 34.1038, 28.2184**, and **79.9760, 33.5358, 23.7000** is the 20% darker color. If you saturate the color by 10%, you get **117.3110, 42.2447, 30.4223**, and if you desaturate by 10%, it is **146.1730, 28.0157, 20.8963**.

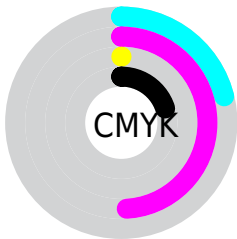
Distribution



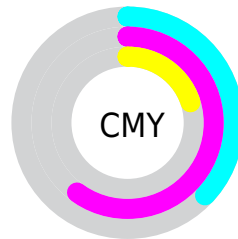
- Red (63%)
- Green (40%)
- Blue (80%)



- Red (63%)
- Yellow (40%)
- Blue (80%)



- Cyan (21%)
- Magenta (49%)
- Yellow (0%)
- Black (20%)



- Cyan (37%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.7420, 35.1302, 25.6593 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 131.7420, 35.1302, 25.6593 by changing the saturation by 10% instead.

131.7420, 35.1302,
25.6593

131.7420, 35.1302,
25.6593

255.0000, 0.0000,
0.0000

105.8020, 34.1146,
24.7296

185.8240, 34.1038,
28.2184

79.9760, 33.5358,
23.7000

210.3440, 22.0154,
32.1473

54.2640, 33.3938,
22.5705

229.1720, 12.7332,
22.6512

27.2040, 34.4094,
23.5001

246.1950, 4.3409,
7.7220

16.8790, 27.1747,
10.6301

5.5860, 21.4031,
-4.8989

3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 131.7420, 35.1302,
25.6593

■ 131.7420, 35.1302,
25.6593

■ 117.3110, 42.2447,
30.4223

■ 146.1730, 28.0157,
20.8963

■ 102.5920, 49.5011,
36.3148

■ 160.8920, 20.7592,
15.0037

■ 88.1610, 56.6156,
41.0778

■ 175.3230, 13.6448,
10.2407

■ 74.0290, 63.5827,
46.4556

■ 189.4550, 6.6777,
4.8630

■ 59.5980, 70.6972,
51.2186

■ 204.4730, -0.7262,
-0.4148

■ 58.4240, 71.2760,
52.2482

■ 218.6050, -7.6933,
-5.7926

■ 233.0360,
-14.8077, -10.5556

■ 241.2980,
-18.8809, -10.7853

■ 243.9890,
-20.2076, -5.2524

Harmonies

Analogous

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



119.2040, 54.1294, -48.4139



131.7420, 35.1302, 25.6593



127.4520, 15.0602, 69.7636

Triad

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



131.7420, 35.1302, 25.6593



121.6110, -53.5452, 47.6992



106.5520, 22.4059, -93.4461

Complementary

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



131.7420, 35.1302, 25.6593



174.2580, -35.1302, -25.6593

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.



99.2220, -0.6024, -87.0177



131.7420, 35.1302, 25.6593



116.9410, -57.6519, 11.4527

Square

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



131.7420, 35.1302, 25.6593



123.3950, -32.2397, 74.1986



110.8160, -31.4613, -35.7956



110.7360, 43.5142, -97.1155

Rectangle

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



131.7420, 35.1302, 25.6593



123.5280, -0.2603, 83.7289



110.8160, -31.4613, -35.7956



104.5000, 14.5435, -91.6465

Sweetspot

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



131.7420, 35.1302, 25.6593



227.9100, 13.3554, 9.7259



139.6410, 31.2360, -32.1342



111.5090, 8.1301, 5.6926



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.



131.7420, 35.1302, 25.6593



148.1130, 52.6953, 38.4889



143.5020, 25.8815, 52.1797



94.9340, 3.4835, 2.6889



47.6280, 58.3574, 42.4222



10.9100, 13.3554, 9.7259

Inverse Universe

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



137.6880, 3.6048, 57.2786



157.0320, 5.4072, 85.9179



162.4980, -25.8815, -52.1797



95.4460, 0.2731, 5.7479



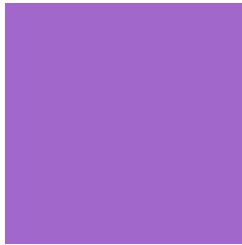
57.6140, 6.1063, 95.0545



13.1860, 1.3873, 21.7619

Previews

White Background



This preview shows how the YUV color 131.7420, 35.1302, 25.6593 looks on a white background.

Color Contrast Check

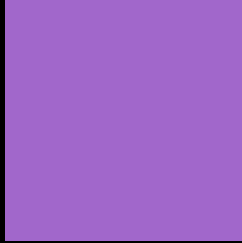
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.7420, 35.1302, 25.6593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

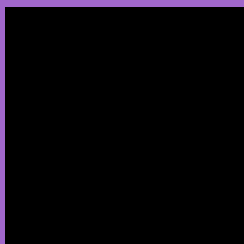
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.7420, 35.1302, 25.6593

Background



This preview shows how black text looks on a background with the YUV color 131.7420, 35.1302, 25.6593.



This preview shows how white text looks on a background with the YUV color 131.7420, 35.1302, 25.6593.

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

131.7420, 35.1302, 25.6593

Protanopia

123.9130, 48.8499, -35.0037

Deuteranopia

125.5150, 35.7351, -28.5157



Tritanopia

130.3980, -0.1962, 16.3140

Trichromacy



Original Color

131.7420, 35.1302, 25.6593



Protanomaly

126.7910, 43.9800, -12.9717



Deuteranomaly

127.9350, 35.5280, -8.7130



Tritanomaly

130.5630, 13.0334, 19.6772

Monochromacy



Original Color

131.7420, 35.1302, 25.6593



Achromatopsia

132.0000, 0.0000, 0.0000



Achromatomaly

131.7960, 12.9186, 9.8259

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.7420, 35.1302, 25.6593 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(161, 103, 203)` looks like.

```
.text, #text, p{  
    color:rgb(161, 103, 203)  
}
```

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(161, 103, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 103, 203) }
```

Border

The CSS property to change the border of an element to YUV 131.7420, 35.1302, 25.6593 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(161, 103, 203) }
```


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

```
.border{ border-color:rgb(161, 103, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 103, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 103, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 103, 203);  
box-shadow:4px 4px 4px 4px rgb(161, 103,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 131.7420, 35.1302, 25.6593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 103, 203) }
```

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

```
.background{ background-color: rgb(161,  
103, 203) }
```

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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