

# Converting Colors

YUV(130.9430, 33.5521,  
18.4670)

Have a look what the booklet for  
YUV(130.9430, 33.5521, 18.4670)  
contains.

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# Color

**YUV(130.9430, 33.5521,  
18.4670)**

# Conversions

## Conversions Part 1

Format	Color
Hex	986BC7
RGB	152, 107, 199
RGB Percent	60%, 42%, 78%
CMY	0.4039, 0.5804, 0.2196
CMYK	0.24, 0.46, 0.00, 0.22
HSL	269°, 45%, 60%
HSV	269°, 46%, 78%
XYZ	28.5154, 21.3143, 56.6440
YIQ	130.9430, -2.7120, 38.1520

# Conversions

## Conversions Part 2

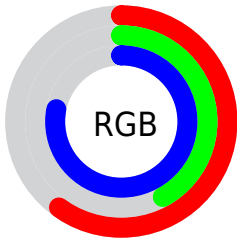
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 107, 199
Decimal	9989063
CIE <sub>Lab</sub>	53.29, 36.05, -41.38
CIE <sub>LCh</sub>	53, 54.884, 311.060
Yxy	21.3143, 0.2678, 0.2002
Android (android.graphics.Color)	4288179143 (0xFF986BC7)
YUV	130.9430, 33.5521, 18.4670
Hunter-Lab	46.1674, 29.4579, -40.4272

# Details

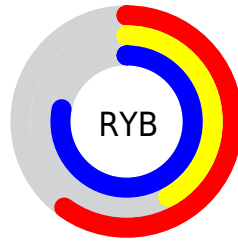
The YUV color **130.9430, 33.5521, 18.4670** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **175.0570, -33.5521, -18.4670**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.5950, 34.7097, 20.5262**, and **79.8780, 32.1051, 15.8930** is the 20% darker color. If you saturate the color by 10%, you get **116.2130, 40.8140, 22.6152**, and if you desaturate by 10%, it is **145.6730, 26.2902, 14.3188**.

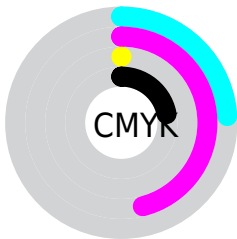
# Distribution



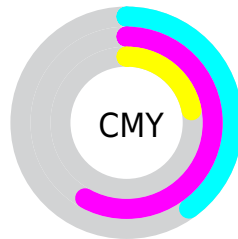
- Red (60%)
- Green (42%)
- Blue (78%)



- Red (60%)
- Yellow (42%)
- Blue (78%)



- Cyan (24%)
- Magenta (46%)
- Yellow (0%)
- Black (22%)



- Cyan (40%)
- Magenta (58%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 130.9430, 33.5521, 18.4670 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 130.9430, 33.5521, 18.4670 by changing the saturation by 10% instead.



130.9430, 33.5521,  
18.4670

130.9430, 33.5521,  
18.4670

255.0000, 0.0000,  
0.0000

105.0030, 32.5365,  
17.5374

184.5950, 34.7097,  
20.5262

79.8780, 32.1051,  
15.8930

209.7020, 22.3319,  
23.9403

54.9380, 31.0896,  
14.9634

231.5200, 11.5756,  
20.5920

30.5250, 30.8002,  
14.4486

247.9560, 3.4727,  
6.1776

14.4440, 26.8961,  
6.6266

5.2440, 20.0927,  
-4.5990

3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,  
0.0000

■ 130.9430, 33.5521,  
18.4670

■ 130.9430, 33.5521,  
18.4670

■ 116.2130, 40.8140,  
22.6152

■ 145.6730, 26.2902,  
14.3188

■ 101.4830, 48.0759,  
26.7634

■ 160.4030, 19.0283,  
10.1706

■ 86.7530, 55.3378,  
30.9116

■ 175.1330, 11.7664,  
6.0224

■ 71.7240, 62.7471,  
34.4451

■ 190.1620, 4.3571,  
2.4889

■ 57.5810, 69.7196,  
38.0785

■ 204.8920, -2.9048,  
-1.6593

■ 51.6890, 72.6243,  
39.7377

■ 219.0350, -9.8773,  
-5.2927

■ 233.7650,  
-17.1391, -9.4409

■ 242.0380,  
-21.2177, -7.9263

■ 245.0280,  
-22.6918, -1.7786

# Harmonies

## Analogous

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



117.8680, 50.3511, -49.8732



130.9430, 33.5521, 18.4670



128.6850, 14.9453, 59.9123

# Triad

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



130.9430, 33.5521, 18.4670



123.1900, -44.9567, 46.3144



104.4660, 19.4903, -91.6167

# Complementary

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



130.9430, 33.5521, 18.4670



175.0570, -33.5521, -18.4670

# 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.



97.7060, -1.3341, -85.6882



130.9430, 33.5521, 18.4670



119.6560, -48.6374, 13.4567

# Square

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



130.9430, 33.5521, 18.4670



124.3990, -28.2977, 69.8101



113.9850, -31.0516, -27.1738



108.3080, 39.2882, -94.9861



# Rectangle

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



130.9430, 33.5521, 18.4670



125.8150, 1.0772, 74.7072



113.9850, -31.0516, -27.1738



102.6420, 12.5015, -90.0170

# Sweetspot

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



130.9430, 33.5521, 18.4670



228.4860, 13.0714, 7.4668



145.6640, 26.2946, -33.9083



111.4980, 8.1355, 3.9483



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.



130.9430, 33.5521, 18.4670



151.2920, 51.1280, 27.8079



144.3980, 26.9188, 46.1320



92.2220, 3.3416, 1.5593



42.5020, 59.4055, 32.8857



9.1870, 13.2188, 6.8520



# Inverse Universe

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



139.8660, 6.9681, 51.8605



164.9540, 10.3757, 78.9703



161.6020, -26.9188, -46.1320



93.2610, 0.8573, 5.0331



58.1990, 12.2269, 91.9105



12.8160, 2.5557, 20.3324



# Previews

## White Background



This preview shows how the YUV color 130.9430, 33.5521, 18.4670 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

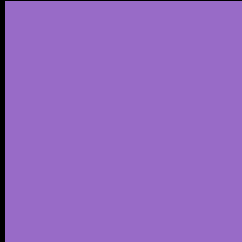
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 130.9430, 33.5521, 18.4670 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 130.9430, 33.5521, 18.4670

## Background



This preview shows how black text looks on a background with the YUV color 130.9430, 33.5521, 18.4670.



This preview shows how white text looks on a background with the YUV color 130.9430, 33.5521,



# 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

130.9430, 33.5521, 18.4670

### Protanopia

124.4960, 44.6185, -31.1300

### Deuteranopia

124.8850, 34.5667, -27.0861



## Tritanopia

128.5220, 1.7147, 10.0662

# Trichromacy



## Original Color

130.9430, 33.5521, 18.4670

## Protanomaly

126.5800, 40.6331, -12.7867

## Deuteranomaly

127.1690, 33.9337, -10.6722

## Tritanomaly

129.5190, 13.0551, 12.6998

# Monochromacy



## Original Color

130.9430, 33.5521, 18.4670

## Achromatopsia

131.0000, 0.0000, 0.0000

## Achromatomaly

130.9590, 12.3452, 7.0520

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 130.9430, 33.5521, 18.4670 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(152, 107, 199)` looks like.

```
.text, #text, p{  
    color:rgb(152, 107, 199)  
}
```

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(152, 107, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 107, 199) }
```

## Border

The CSS property to change the border of an element to YUV 130.9430, 33.5521, 18.4670 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(152, 107, 199) }
```



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

```
.border{ border-color:rgb(152, 107, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 107, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 107, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 107, 199);  
box-shadow:4px 4px 4px 4px rgb(152, 107,  
199) }
```

# Background

The CSS property to change the background color of an element to YUV 130.9430, 33.5521, 18.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 107, 199) }
```

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

```
.background{ background-color: rgb(152,  
107, 199) }
```

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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