

Converting Colors

YUV(131.6610, 34.6771,
30.9923)

Have a look what the booklet for
YUV(131.6610, 34.6771, 30.9923)
contains.

YUV(131.6610, 34.6771, 30.9923)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(131.6610, 34.6771,
30.9923)**

Conversions

Conversions Part 1

Format	Color
Hex	A764CA
RGB	167, 100, 202
RGB Percent	65%, 39%, 79%
CMY	0.3451, 0.6078, 0.2078
CMYK	0.17, 0.50, 0.00, 0.21
HSL	279°, 49%, 59%
HSV	279°, 50%, 79%
XYZ	31.1542, 21.5941, 58.4032
YIQ	131.6610, 7.1900, 45.9260

Conversions

Conversions Part 2

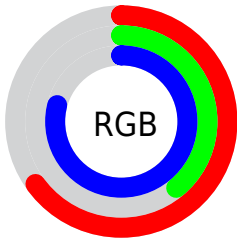
Format	Color
R _Y B	167, 100, 202
Decimal	10970314
CIE Lab	53.59, 44.77, -42.51
CIE LCh	54, 61.739, 316.483
Yxy	21.5941, 0.2803, 0.1943
Android (android.graphics.Color)	4289160394 (0xFFA764CA)
YUV	131.6610, 34.6771, 30.9923
Hunter-Lab	46.4695, 38.3490, -41.9875

Details

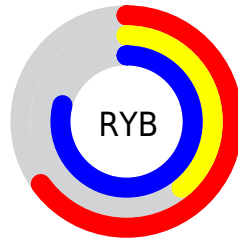
The YUV color **131.6610, 34.6771, 30.9923** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **170.3390, -34.6771, -30.9923**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.8570, 34.0875, 33.4514**, and **79.0090, 33.5196, 28.9331** is the 20% darker color. If you saturate the color by 10%, you get **117.8280, 41.4968, 36.9848**, and if you desaturate by 10%, it is **145.4940, 27.8575, 24.9998**.

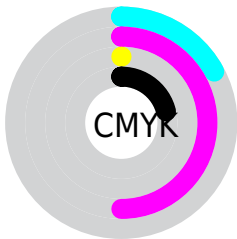
Distribution



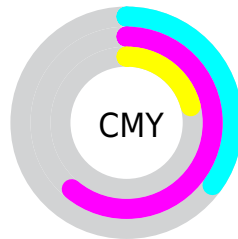
- Red (65%)
- Green (39%)
- Blue (79%)



- Red (65%)
- Yellow (39%)
- Blue (79%)



- Cyan (17%)
- Magenta (50%)
- Yellow (0%)
- Black (21%)



- Cyan (35%)
- Magenta (61%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.6610, 34.6771, 30.9923 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 131.6610, 34.6771, 30.9923 by changing the saturation by 10% instead.

131.6610, 34.6771,
30.9923

131.6610, 34.6771,
30.9923

255.0000, 0.0000,
0.0000

105.4220, 33.8090,
29.4479

185.8570, 34.0875,
33.4514

79.0090, 33.5196,
28.9331

210.3770, 21.9991,
37.3804

53.0090, 33.5196,
28.9331

227.4110, 13.6014,
24.1956

28.8840, 33.0882,
27.2887

244.4340, 5.2090,
9.2664

18.6730, 26.2902,
14.3188

5.4720, 20.9663,
-4.7989

3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 131.6610, 34.6771,
30.9923

■ 131.6610, 34.6771,
30.9923

■ 117.8280, 41.4968,
36.9848

■ 145.4940, 27.8575,
24.9998

■ 103.9950, 48.3165,
42.9774

■ 159.3270, 21.0378,
19.0072

■ 89.5750, 55.4255,
49.4847

■ 173.7470, 13.9287,
12.4999

■ 75.7420, 62.2452,
55.4773

■ 187.5800, 7.1091,
6.5073

■ 62.7950, 68.6281,
61.5698

■ 201.4130, 0.2894,
0.5148

■ 215.2460, -6.5303,
-5.4777

■ 229.0790,
-13.3499, -11.4703

■ 239.0910,
-18.2859, -14.9888

■ 241.1840,
-19.3177, -10.6854

Harmonies

Analogous

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



120.9490, 54.2551, -42.0513



131.6610, 34.6771, 30.9923



125.8440, 13.8809, 74.6818

Triad

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



131.6610, 34.6771, 30.9923



120.4060, -59.3602, 46.1249



107.7090, 24.3005, -94.4608

Complementary

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



131.6610, 34.6771, 30.9923



170.3390, -34.6771, -30.9923

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.



100.1510, 0.4186, -87.8324



131.6610, 34.6771, 30.9923



116.3320, -57.3517, 8.4788

Square

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



131.6610, 34.6771, 30.9923



123.2980, -35.1499, 74.2837



108.8260, -29.9872, -41.9434



111.3060, 45.6981, -97.6154

Rectangle

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



131.6610, 34.6771, 30.9923



122.2080, -1.5815, 87.5176



108.8260, -29.9872, -41.9434



105.5430, 16.0013, -92.5612

Sweetspot

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



131.6610, 34.6771, 30.9923



228.8070, 12.9131, 11.5703



132.7600, 34.1353, -28.7305



112.1070, 7.8352, 6.9222



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.



131.6610, 34.6771, 30.9923



147.5810, 52.9576, 47.7255



140.4160, 22.9659, 54.0092



95.2330, 3.3361, 3.3037



51.5150, 56.4411, 50.4143



11.8070, 12.9131, 11.5703

Inverse Universe

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



134.4880, 0.2524, 59.2080



151.8000, 0.5916, 90.5064



161.5840, -22.9659, -54.0092



95.3320, -0.1637, 5.8478



56.1320, 0.4279, 96.3542



12.8440, 0.0769, 22.0618

Previews

White Background



This preview shows how the YUV color 131.6610, 34.6771, 30.9923 looks on a white background.

Color Contrast Check

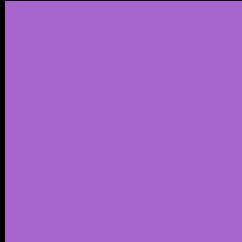
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.6610, 34.6771, 30.9923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

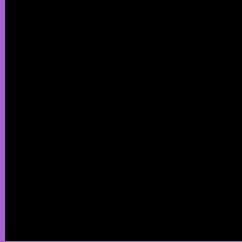
Any Text WCAG AA ✓ Pass

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 131.6610, 34.6771, 30.9923 Background



This preview shows how black text looks on a background with the YUV color 131.6610, 34.6771, 30.9923.



This preview shows how white text looks on a background with the YUV color 131.6610, 34.6771,

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

131.6610, 34.6771, 30.9923

Protanopia

123.8420, 49.8709, -35.8184

Deuteranopia

125.9990, 35.0035, -27.1861



Tritanopia

130.0890, -1.5229, 21.8469

Trichromacy



Original Color

131.6610, 34.6771, 30.9923

Protanomaly

126.9160, 44.4114, -11.3273

Deuteranomaly

128.1310, 34.9384, -6.2539

Tritanomaly

130.2540, 11.7068, 25.2102

Monochromacy



Original Color

131.6610, 34.6771, 30.9923

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.6930, 12.4764, 11.6702

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.6610, 34.6771, 30.9923 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(167, 100, 202)` looks like.

```
.text, #text, p{  
    color:rgb(167, 100, 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(167, 100, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 100, 202) }
```

Border

The CSS property to change the border of an element to YUV 131.6610, 34.6771, 30.9923 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(167, 100, 202) }
```


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

```
.border{ border-color:rgb(167, 100, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 100, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 100, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 100, 202);  
box-shadow:4px 4px 4px 4px rgb(167, 100,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 131.6610, 34.6771, 30.9923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 100, 202) }
```

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

```
.background{ background-color: rgb(167,  
100, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor