

# Converting Colors

YUV(135.5530, 31.7724,  
29.3330)

Have a look what the booklet for  
YUV(135.5530, 31.7724, 29.3330)  
contains.

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# Color

**YUV(135.5530, 31.7724,  
29.3330)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A96AC8
RGB	169, 106, 200
RGB Percent	66%, 42%, 78%
CMY	0.3373, 0.5843, 0.2157
CMYK	0.16, 0.47, 0.00, 0.22
HSL	280°, 46%, 60%
HSV	280°, 47%, 78%
XYZ	31.9415, 22.9132, 57.3828
YIQ	135.5530, 7.3740, 42.5900

# Conversions

## Conversions Part 2

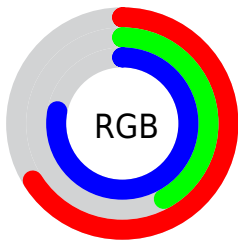
<b>Format</b>	<b>Color</b>
<b>RYB</b>	169, 106, 200
Decimal	11102920
CIELab	54.98, 41.66, -39.16
CIELCh	55, 57.181, 316.770
Yxy	22.9132, 0.2846, 0.2041
Android (android.graphics.Color)	4289293000 (0xFFA96AC8)
YUV	135.5530, 31.7724, 29.3330
Hunter-Lab	47.8678, 35.3422, -37.5681

# Details

The YUV color **135.5530, 31.7724, 29.3330** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **170.4470, -31.7724, -29.3330**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.9770, 32.0563, 31.5922**, and **83.9010, 30.6148, 27.2738** is the 20% darker color. If you saturate the color by 10%, you get **121.7200, 38.5920, 35.3256**, and if you desaturate by 10%, it is **149.3860, 24.9527, 23.3405**.

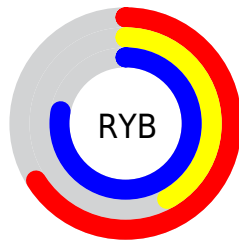
# Distribution



Red (66%)

Green (42%)

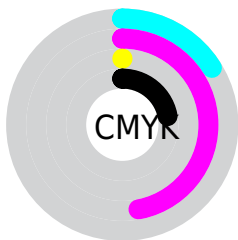
Blue (78%)



Red (66%)

Yellow (42%)

Blue (78%)

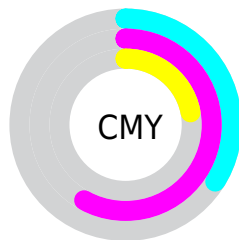


Cyan (16%)

Magenta (47%)

Yellow (0%)

Black (22%)



Cyan (34%)

Magenta (58%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 135.5530, 31.7724, 29.3330 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 135.5530, 31.7724, 29.3330 by changing the saturation by 10% instead.



■ 135.5530, 31.7724,  
29.3330

■ 135.5530, 31.7724,  
29.3330

255.0000, 0.0000,  
0.0000

■ 109.6130, 30.7568,  
28.4034

■ 189.9770, 32.0563,  
31.5922

■ 83.9010, 30.6148,  
27.2738

■ 214.4970, 19.9680,  
35.5211

■ 58.0750, 30.0360,  
26.2442

■ 230.9330, 11.8650,  
21.1068

■ 30.7270, 31.1936,  
28.3034

■ 247.9560, 3.4727,  
6.1776

■ 19.3420, 24.9744,  
16.3631

■ 7.7500, 19.3502,  
0.2193

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,  
0.0000

■ 135.5530, 31.7724,  
29.3330

■ 135.5530, 31.7724,  
29.3330

■ 121.7200, 38.5920,  
35.3256

■ 149.3860, 24.9527,  
23.3405

■ 108.1860, 45.2643,  
41.9329

■ 162.9200, 18.2804,  
16.7332

■ 94.3530, 52.0840,  
47.9254

■ 176.7530, 11.4608,  
10.7406

■ 80.8190, 58.7562,  
54.5327

■ 190.2870, 4.7885,  
4.1333

■ 66.9860, 65.5759,  
60.5253

■ 204.1200, -2.0312,  
-1.8592

62.8660, 67.6071,  
62.3845

217.9530, -8.8508,  
-7.8518

231.4870,  
-15.5231, -14.4591

238.8630,  
-19.1595, -14.7889

240.6570,  
-20.0439, -11.1002

# Harmonies

## Analogous

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



127.3260, 49.1393, -34.4889



135.5530, 31.7724, 29.3330



131.6430, 12.0080, 68.7191

# Triad

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



135.5530, 31.7724, 29.3330



126.2020, -49.8926, 42.7958



109.1110, 24.5953, -95.6903

# Complementary

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



135.5530, 31.7724, 29.3330



170.4470, -31.7724, -29.3330

# 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.



102.5960, 2.1712, -89.9767



135.5530, 31.7724, 29.3330



122.3840, -49.4893, 6.6792

# Square

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



135.5530, 31.7724, 29.3330



128.1340, -33.0971, 69.1655



114.8310, -27.5247, -38.4398



112.3660, 44.6826, -98.5450



# Rectangle

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



135.5530, 31.7724, 29.3330



128.4090, -3.1596, 80.3253



114.8310, -27.5247, -38.4398



107.1730, 17.1697, -93.9907

# Sweetspot

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



135.5530, 31.7724, 29.3330



230.2800, 12.1870, 11.1554



134.9130, 32.0879, -25.3567



112.6940, 7.5459, 6.4074



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.



135.5530, 31.7724, 29.3330



157.0060, 48.3110, 44.7217



142.9980, 20.2140, 49.9908



92.8200, 3.0467, 2.7889



51.1730, 55.1307, 50.7143



11.2800, 12.1870, 11.1554



# Inverse Universe

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



137.6400, -0.3155, 54.6897



160.1150, -0.5497, 83.2141



163.0020, -20.2140, -49.9908



93.0330, -0.0163, 5.2331



54.8930, -0.4402, 94.8098

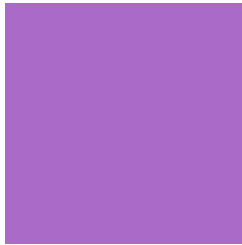


12.1320, -0.0651, 20.9322



# Previews

## White Background



This preview shows how the YUV color 135.5530, 31.7724, 29.3330 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

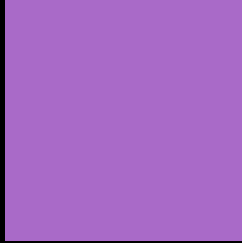
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 135.5530, 31.7724, 29.3330 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 135.5530, 31.7724, 29.3330

## Background



This preview shows how black text looks on a background with the YUV color 135.5530, 31.7724, 29.3330.



This preview shows how white text looks on a background with the YUV color 135.5530, 31.7724, 29.3330.



# 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

135.5530, 31.7724, 29.3330

### Protanopia

128.9090, 44.9079, -30.6152

### Deuteranopia

130.2230, 31.9351, -22.9976



## Tritanopia

133.7900, -1.3755, 21.2322

# Trichromacy



## Original Color

135.5530, 31.7724, 29.3330



## Protanomaly

131.4880, 40.1854, -9.1980



## Deuteranomaly

132.3440, 31.8754, -3.8097



## Tritanomaly

134.3140, 10.6912, 24.2806

# Monochromacy



## Original Color

135.5530, 31.7724, 29.3330



## Achromatopsia

136.0000, 0.0000, 0.0000



## Achromatomaly

135.7530, 11.4608, 10.7406

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 135.5530, 31.7724, 29.3330 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(169, 106, 200)` looks like.

```
.text, #text, p{  
    color:rgb(169, 106, 200)  
}
```

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(169, 106, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 106, 200) }
```

## Border

The CSS property to change the border of an element to YUV 135.5530, 31.7724, 29.3330 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(169, 106, 200) }
```



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

```
.border{ border-color:rgb(169, 106, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 106, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 106, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 106, 200);  
box-shadow:4px 4px 4px 4px rgb(169, 106,  
200) }
```

# Background

The CSS property to change the background color of an element to YUV 135.5530, 31.7724, 29.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 106, 200) }
```

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

```
.background{ background-color: rgb(169,  
106, 200) }
```

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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