

# Converting Colors

YUV(134.8340, 35.5778,  
22.0706)

Have a look what the booklet for  
YUV(134.8340, 35.5778, 22.0706)  
contains.

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# Color

**YUV(134.8340, 35.5778,  
22.0706)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A06CCF
RGB	160, 108, 207
RGB Percent	63%, 42%, 81%
CMY	0.3725, 0.5765, 0.1882
CMYK	0.23, 0.48, 0.00, 0.19
HSL	272°, 51%, 62%
HSV	272°, 48%, 81%
XYZ	31.1223, 22.7037, 61.7734
YIQ	134.8340, -0.7870, 41.8130

# Conversions

## Conversions Part 2

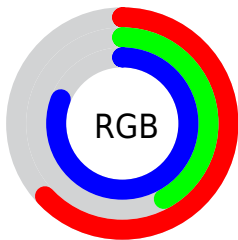
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 108, 207
Decimal	10513615
CIE <sub>Lab</sub>	54.77, 39.60, -43.56
CIE <sub>LCh</sub>	55, 58.869, 312.275
Yxy	22.7037, 0.2692, 0.1964
Android (android.graphics.Color)	4288703695 (0xFFA06CCF)
YUV	134.8340, 35.5778, 22.0706
Hunter-Lab	47.6484, 33.2052, -43.5122

# Details

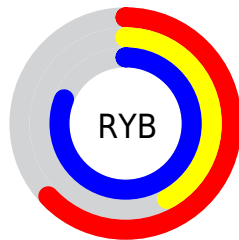
The YUV color **134.8340, 35.5778, 22.0706** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **180.1660, -35.5778, -22.0706**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.4600, 32.8042, 25.0296**, and **83.0680, 33.9835, 20.1114** is the 20% darker color. If you saturate the color by 10%, you get **119.5170, 43.1291, 26.7336**, and if you desaturate by 10%, it is **150.1510, 28.0266, 17.4076**.

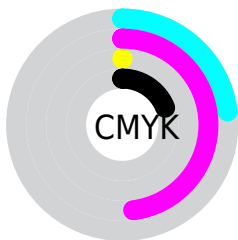
# Distribution



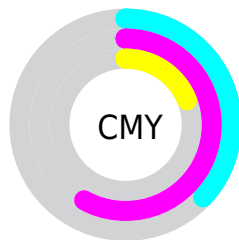
- Red (63%)
- Green (42%)
- Blue (81%)



- Red (63%)
- Yellow (42%)
- Blue (81%)



- Cyan (23%)
- Magenta (48%)
- Yellow (0%)
- Black (19%)




- Cyan (37%)
- Magenta (58%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 134.8340, 35.5778, 22.0706 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 134.8340, 35.5778, 22.0706 by changing the saturation by 10% instead.




 134.8340, 35.5778,  
22.0706


 134.8340, 35.5778,  
22.0706


255.0000, 0.0000,  
0.0000


 108.8940, 34.5623,  
21.1410


 188.4600, 32.8042,  
25.0296


 83.0680, 33.9835,  
20.1114


 212.9800, 20.7159,  
28.9585


 57.9430, 33.5521,  
18.4670

 232.1070, 11.2862,  
20.0772

 31.9430, 33.5521,  
18.4670

 249.1300, 2.8939,  
5.1480

 16.7370, 29.2167,  
9.0007

 5.9280, 22.7135,  
-5.1989

 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,  
0.0000

■ 134.8340, 35.5778,  
22.0706

■ 134.8340, 35.5778,  
22.0706

■ 119.5170, 43.1291,  
26.7336

■ 150.1510, 28.0266,  
17.4076

■ 104.7870, 50.3910,  
30.8818

■ 164.8810, 20.7647,  
13.2594

■ 89.7690, 57.7949,  
36.1596

■ 179.8990, 13.3608,  
7.9816

■ 74.4520, 65.3462,  
40.8226

■ 195.2160, 5.8095,  
3.3186

■ 59.1350, 72.8974,  
45.4856

■ 209.9460, -1.4524,  
-0.8296

■ 56.1890, 74.3498,  
46.3152

■ 225.2630, -9.0037,  
-5.4927

■ 240.5800,  
-16.5549, -10.1557

■ 244.7440,  
-18.6078, -5.0375

■ 247.4350,  
-19.9345, 0.4955

# Harmonies

## Analogous

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



120.8830, 54.2877, -52.5174



134.8340, 35.5778, 22.0706



131.5440, 15.5078, 66.1749

# Triad

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



134.8340, 35.5778, 22.0706



125.5340, -50.0563, 48.6437



108.1990, 21.1009, -94.8905

# Complementary

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



134.8340, 35.5778, 22.0706



180.1660, -35.5778, -22.0706

# 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.



100.9830, -1.4706, -88.5621



134.8340, 35.5778, 22.0706



121.2340, -55.3314, 13.8268

# Square

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



134.8340, 35.5778, 22.0706



127.1500, -30.6399, 74.4135



115.4960, -32.7825, -32.0070



112.4970, 42.6460, -98.6599



# Rectangle

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



134.8340, 35.5778, 22.0706



127.7450, 0.6187, 81.7846



115.4960, -32.7825, -32.0070



106.2610, 13.6753, -93.1909

# Sweetspot

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



134.8340, 35.5778, 22.0706



228.7850, 12.9240, 8.0816



147.4620, 29.3522, -34.6082



111.7970, 7.9881, 4.5630



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.



134.8340, 35.5778, 22.0706



149.2540, 52.1328, 32.2262



148.6590, 27.7761, 51.1651



97.0480, 3.9203, 2.5889



45.4640, 60.4102, 37.3041



10.9530, 14.8132, 8.8112



# Inverse Universe

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



142.9590, 5.9362, 56.1640



161.2210, 8.7650, 82.2442



166.3410, -27.7761, -51.1651



97.8590, 0.5625, 6.2627



59.3520, 10.1795, 95.2843



14.4250, 2.2555, 23.3063



# Previews

## White Background



This preview shows how the YUV color 134.8340, 35.5778, 22.0706 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

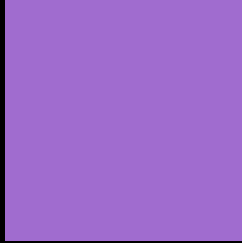
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 134.8340, 35.5778, 22.0706 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

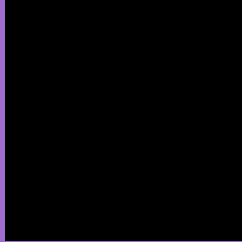
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 134.8340, 35.5778, 22.0706

## Background



This preview shows how black text looks on a background with the YUV color 134.8340, 35.5778, 22.0706.



This preview shows how white text looks on a background with the YUV color 134.8340, 35.5778,



# 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

134.8340, 35.5778, 22.0706

### Protanopia

127.3970, 48.1183, -33.6742

### Deuteranopia

128.3300, 36.3193, -29.2304



## Tritanopia

133.0170, 0.9776, 13.1401

# Trichromacy



## Original Color

134.8340, 35.5778, 22.0706

## Protanomaly

130.2640, 43.2538, -13.3865

## Deuteranomaly

131.0380, 35.9703, -10.5573

## Tritanomaly

133.6550, 13.4811, 16.0886

# Monochromacy



## Original Color

134.8340, 35.5778, 22.0706

## Achromatopsia

135.0000, 0.0000, 0.0000

## Achromatomaly

134.7850, 12.9240, 8.0816

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 134.8340, 35.5778, 22.0706 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(160, 108, 207)` looks like.

```
.text, #text, p{  
    color:rgb(160, 108, 207)  
}
```

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(160, 108, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 108, 207) }
```

## Border

The CSS property to change the border of an element to YUV 134.8340, 35.5778, 22.0706 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(160, 108, 207) }
```



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

```
.border{ border-color:rgb(160, 108, 207) }
```

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

Here you see how a box with a 4 pixel rgb(160, 108, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 108, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 108, 207);  
box-shadow:4px 4px 4px 4px rgb(160, 108,  
207) }
```

# Background

The CSS property to change the background color of an element to YUV 134.8340, 35.5778, 22.0706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 108, 207) }
```

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

```
.background{ background-color: rgb(160,  
108, 207) }
```

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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