

# Converting Colors

YUV(128.9220, 32.0835,  
22.8704)

Have a look what the booklet for  
YUV(128.9220, 32.0835, 22.8704)  
contains.

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# Color

**YUV(128.9220, 32.0835,  
22.8704)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B67C2
RGB	155, 103, 194
RGB Percent	61%, 40%, 76%
CMY	0.3922, 0.5961, 0.2392
CMYK	0.20, 0.47, 0.00, 0.24
HSL	274°, 43%, 58%
HSV	274°, 47%, 76%
XYZ	28.1054, 20.5641, 53.5269
YIQ	128.9220, 1.7810, 39.3250

# Conversions

## Conversions Part 2

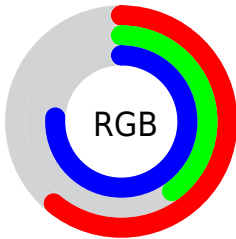
Format	Color
R <sub>Y</sub> B	155, 103, 194
Decimal	10184642
CIE Lab	52.47, 37.98, -39.80
CIE LCh	52, 55.014, 313.666
Yxy	20.5641, 0.2750, 0.2012
Android (android.graphics.Color)	4288374722 (0xFF9B67C2)
YUV	128.9220, 32.0835, 22.8704
Hunter-Lab	45.3477, 31.2717, -38.2406

# Details

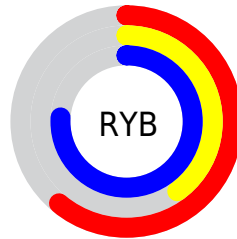
The YUV color **128.9220, 32.0835, 22.8704** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **168.0780, -32.0835, -22.8704**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.6880, 33.6778, 24.8296**, and **77.8570, 30.6365, 20.2964** is the 20% darker color. If you saturate the color by 10%, you get **115.3770, 38.7611, 27.7334**, and if you desaturate by 10%, it is **142.4670, 25.4058, 18.0074**.

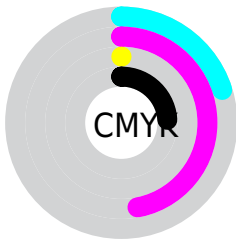
# Distribution



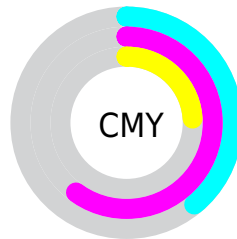
- Red (61%)
- Green (40%)
- Blue (76%)



- Red (61%)
- Yellow (40%)
- Blue (76%)



- Cyan (20%)
- Magenta (47%)
- Yellow (0%)
- Black (24%)



- Cyan (39%)
- Magenta (60%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 128.9220, 32.0835, 22.8704 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 128.9220, 32.0835, 22.8704 by changing the saturation by 10% instead.



128.9220, 32.0835,  
22.8704

128.9220, 32.0835,  
22.8704

255.0000, 0.0000,  
0.0000

103.0960, 31.5047,  
21.8408

182.6880, 33.6778,  
24.8296

77.8570, 30.6365,  
20.2964

208.2510, 23.0473,  
27.8439

53.3300, 29.9103,  
19.8816

228.5850, 13.0226,  
23.1660

27.4440, 30.3471,  
19.7816

245.6080, 4.6303,  
8.2368

15.4830, 24.4119,  
10.1004

4.7880, 18.3455,  
-4.1991

2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,  
0.0000

■ 128.9220, 32.0835,  
22.8704

■ 128.9220, 32.0835,  
22.8704

■ 115.3770, 38.7611,  
27.7334

■ 142.4670, 25.4058,  
18.0074

■ 100.9460, 45.8756,  
32.4964

■ 156.8980, 18.2913,  
13.2445

■ 87.4010, 52.5533,  
37.3593

■ 170.4430, 11.6136,  
8.3815

■ 73.2690, 59.5204,  
42.7371

■ 184.5750, 4.6465,  
3.0037

■ 59.4250, 66.3455,  
46.9853

■ 198.4190, -2.1786,  
-1.2445

■ 55.3050, 68.3766,  
48.8445

■ 211.9640, -8.8563,  
-6.1074

■ 226.0960,  
-15.8233, -11.4852

■ 238.1790,  
-21.7802, -14.1890

■ 240.5710,  
-22.9595, -9.2708

# Harmonies

## Analogous

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



118.1680, 48.7242, -41.3663



128.9220, 32.0835, 22.8704



125.6530, 13.4821, 62.5713

# Triad

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



128.9220, 32.0835, 22.8704



120.2390, -45.9668, 43.6404



103.5200, 20.9426, -90.7870

# Complementary

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



128.9220, 32.0835, 22.8704



168.0780, -32.0835, -22.8704

# 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.



96.7600, 0.1183, -84.8585



128.9220, 32.0835, 22.8704



117.0470, -48.3372, 10.4828

# Square

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



128.9220, 32.0835, 22.8704



122.0460, -29.6027, 68.3657



110.5330, -28.8568, -31.1624



106.6610, 40.5931, -93.5417



# Rectangle

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



128.9220, 32.0835, 22.8704



122.6580, -0.8174, 75.7219



110.5330, -28.8568, -31.1624



101.1090, 14.2433, -88.6726

# Sweetspot

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



128.9220, 32.0835, 22.8704



226.9700, 12.3398, 8.7963



136.2670, 28.4624, -29.1752



112.0960, 7.8407, 5.1778



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.



128.9220, 32.0835, 22.8704



151.2930, 49.6486, 35.7000



139.8990, 23.7138, 47.4466



89.9340, 3.4835, 2.6889



45.8620, 56.7630, 40.4630



9.4430, 11.6136, 8.3815



# Inverse Universe

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



134.6550, 3.6211, 52.0456



160.1130, 5.8603, 80.5849



157.1010, -23.7138, -47.4466



90.4460, 0.2731, 5.7479



56.0050, 6.4065, 92.0806

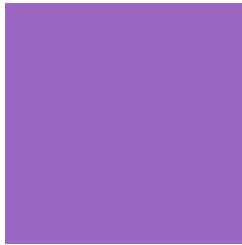


11.4630, 1.2507, 18.8879



# Previews

## White Background



This preview shows how the YUV color 128.9220, 32.0835, 22.8704 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

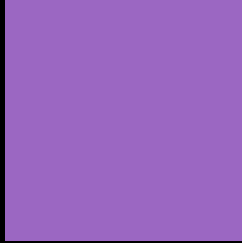
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 128.9220, 32.0835, 22.8704 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 128.9220, 32.0835, 22.8704

## Background



This preview shows how black text looks on a background with the YUV color 128.9220, 32.0835, 22.8704.



This preview shows how white text looks on a background with the YUV color 128.9220, 32.0835, 22.8704.



# 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

128.9220, 32.0835, 22.8704

### Protanopia

122.6810, 44.0343, -30.4152

### Deuteranopia

123.4400, 32.8141, -24.9419



## Tritanopia

126.9140, 0.5354, 14.9844

# Trichromacy



## Original Color

128.9220, 32.0835, 22.8704

## Protanomaly

124.9500, 39.4646, -11.3572

## Deuteranomaly

125.4360, 32.3231, -7.3984

## Tritanomaly

127.9110, 11.8759, 17.6181

# Monochromacy



## Original Color

128.9220, 32.0835, 22.8704

## Achromatopsia

129.0000, 0.0000, 0.0000

## Achromatomaly

129.1440, 11.7610, 7.7667

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 128.9220, 32.0835, 22.8704 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(155, 103, 194)` looks like.

```
.text, #text, p{  
    color:rgb(155, 103, 194)  
}
```

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(155, 103, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 103, 194) }
```

## Border

The CSS property to change the border of an element to YUV 128.9220, 32.0835, 22.8704 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(155, 103, 194) }
```



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

```
.border{ border-color:rgb(155, 103, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 103, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 103, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 103, 194);  
box-shadow:4px 4px 4px 4px rgb(155, 103,  
194) }
```

# Background

The CSS property to change the background color of an element to YUV 128.9220, 32.0835, 22.8704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 103, 194) }
```

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

```
.background{ background-color: rgb(155,  
103, 194) }
```

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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