

# Converting Colors

YUV(128.0520, 31.5264,  
14.8634)

Have a look what the booklet for  
YUV(128.0520, 31.5264, 14.8634)  
contains.

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# Color

**YUV(128.0520, 31.5264,  
14.8634)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	916BC0
RGB	145, 107, 192
RGB Percent	57%, 42%, 75%
CMY	0.4314, 0.5804, 0.2471
CMYK	0.24, 0.44, 0.00, 0.25
HSL	267°, 40%, 59%
HSV	267°, 44%, 75%
XYZ	26.4492, 20.3409, 52.4013
YIQ	128.0520, -4.6370, 34.4910

# Conversions

## Conversions Part 2

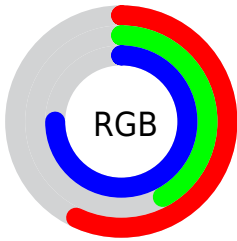
Format	Color
<a href="#">RYB</a>	<a href="#">145, 107, 192</a>
Decimal	<a href="#">9530304</a>
CIELab	<a href="#">52.22, 32.38, -39.11</a>
CIElCh	<a href="#">52, 50.775, 309.621</a>
Yxy	<a href="#">20.3409, 0.2666, 0.2051</a>
Android (android.graphics.Color)	<a href="#">4287720384 (0xFF916BC0)</a>
YUV	<a href="#">128.0520, 31.5264, 14.8634</a>
Hunter-Lab	<a href="#">45.1009, 25.7538, -37.3166</a>

# Details

The YUV color **128.0520, 31.5264, 14.8634** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **170.9480, -31.5264, -14.8634**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.5190, 33.2681, 16.2078**, and **77.2860, 29.9320, 12.9042** is the 20% darker color. If you saturate the color by 10%, you get **113.6100, 38.6463, 17.8820**, and if you desaturate by 10%, it is **142.4940, 24.4065, 11.8448**.

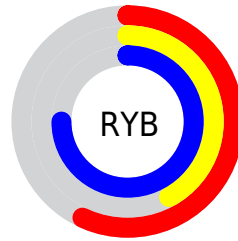
# Distribution



Red (57%)

Green (42%)

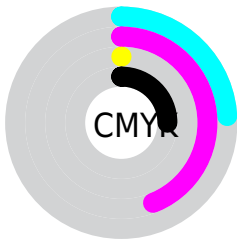
Blue (75%)



Red (57%)

Yellow (42%)

Blue (75%)

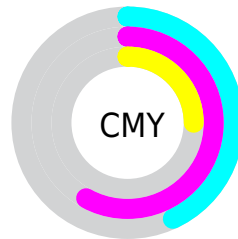


Cyan (24%)

Magenta (44%)

Yellow (0%)

Black (25%)



Cyan (43%)

Magenta (58%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 128.0520, 31.5264, 14.8634 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 128.0520, 31.5264, 14.8634 by changing the saturation by 10% instead.



128.0520, 31.5264,  
14.8634

128.0520, 31.5264,  
14.8634

255.0000, 0.0000,  
0.0000

102.2260, 30.9476,  
13.8338

181.5190, 33.2681,  
16.2078

77.2860, 29.9320,  
12.9042

206.7230, 23.8006,  
19.5369

53.0470, 29.0638,  
11.3598

230.9330, 11.8650,  
21.1068

29.8080, 28.1957,  
9.8154

247.9560, 3.4727,  
6.1776

12.6780, 25.3017,  
4.6674

6.4350, 17.0405,  
-5.6435

2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,  
0.0000

■ 128.0520, 31.5264,  
14.8634

■ 128.0520, 31.5264,  
14.8634

■ 113.6100, 38.6463,  
17.8820

■ 142.4940, 24.4065,  
11.8448

■ 99.4670, 45.6188,  
21.5154

■ 156.6370, 17.4340,  
8.2114

■ 84.4380, 53.0281,  
25.0489

■ 171.6660, 10.0247,  
4.6779

■ 70.2950, 60.0006,  
28.6823

■ 185.8090, 3.0522,  
1.0445

■ 55.8530, 67.1205,  
31.7009

■ 200.2510, -4.0677,  
-1.9741

47.6020, 71.1882,  
33.6750

214.6930,  
-11.1876, -4.9928

228.8360,  
-18.1601, -8.6262

240.3430,  
-23.8331, -9.0708

243.6320,  
-25.4546, -2.3083

# Harmonies

## Analogous

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



116.2660, 46.7039, -46.7143



128.0520, 31.5264, 14.8634



126.8260, 14.3828, 53.6496

# Triad

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



128.0520, 31.5264, 14.8634



121.0310, -40.4413, 44.6998



101.4340, 18.0270, -88.9576

# Complementary

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



128.0520, 31.5264, 14.8634



170.9480, -31.5264, -14.8634

# 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.



95.1300, -1.0501, -83.4290



128.0520, 31.5264, 14.8634



118.0350, -43.4013, 14.0013

# Square

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



128.0520, 31.5264, 14.8634



122.1750, -25.2293, 65.6215



113.0610, -29.6101, -22.8555



104.9340, 36.5145, -92.0271



# Rectangle

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



128.0520, 31.5264, 14.8634



123.8850, 1.5357, 67.6299



113.0610, -29.6101, -22.8555



99.1370, 11.7645, -86.9431

# Sweetspot

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



128.0520, 31.5264, 14.8634



225.2470, 12.2032, 5.9224



144.8660, 23.2371, -33.2085



109.9710, 7.4093, 3.5334



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



128.0520, 31.5264, 14.8634



150.1020, 49.2497, 23.5895



140.3110, 25.4827, 40.0693



89.6350, 3.6309, 2.0741



39.8820, 59.7112, 28.1675



8.2470, 12.2032, 5.9224



# Inverse Universe

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



137.7730, 7.9999, 47.5571



165.2030, 12.7179, 74.3670



158.6890, -25.4827, -40.0693



90.6740, 1.1467, 5.5479



58.2850, 15.1425, 90.0811

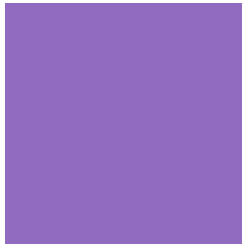


11.9190, 2.9979, 18.4880



# Previews

## White Background



This preview shows how the YUV color 128.0520, 31.5264, 14.8634 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

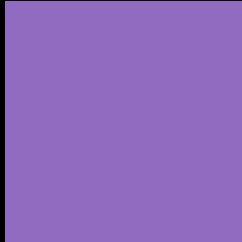
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 128.0520, 31.5264, 14.8634 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

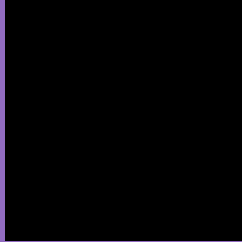
Any Text WCAG AA ✓ Pass

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 128.0520, 31.5264, 14.8634 Background



This preview shows how black text looks on a background with the YUV color 128.0520, 31.5264, 14.8634.



This preview shows how white text looks on a background with the YUV color 128.0520, 31.5264,



# 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

128.0520, 31.5264, 14.8634

### Protanopia

122.1930, 40.8239, -27.3563

### Deuteranopia

122.6250, 32.2299, -24.2271



## Tritanopia

125.9130, 2.0149, 7.0923

# Trichromacy



## Original Color

128.0520, 31.5264, 14.8634

## Protanomaly

124.6680, 37.1387, -11.9868

## Deuteranomaly

124.5990, 31.7497, -10.1723

## Tritanomaly

126.7960, 12.9186, 9.8259

# Monochromacy



## Original Color

128.0520, 31.5264, 14.8634

## Achromatopsia

128.0000, 0.0000, 0.0000

## Achromatomaly

127.7200, 11.4770, 5.5076

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 128.0520, 31.5264, 14.8634 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(145, 107, 192)` looks like.

```
.text, #text, p{  
    color:rgb(145, 107, 192)  
}
```

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(145, 107, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 107, 192) }
```

## Border

The CSS property to change the border of an element to YUV 128.0520, 31.5264, 14.8634 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(145, 107, 192) }
```



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

```
.border{ border-color:rgb(145, 107, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 107, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 107, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 107, 192);  
box-shadow:4px 4px 4px 4px rgb(145, 107,  
192) }
```

# Background

The CSS property to change the background color of an element to YUV 128.0520, 31.5264, 14.8634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 107, 192) }
```

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

```
.background{ background-color: rgb(145,  
107, 192) }
```

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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