

# Converting Colors

YUV(124.8670, 32.1106,  
14.1486)

Have a look what the booklet for  
YUV(124.8670, 32.1106, 14.1486)  
contains.

<b>YUV(124.8670, 32.1106, 14.1486)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(124.8670, 32.1106,  
14.1486)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D68BE
RGB	141, 104, 190
RGB Percent	55%, 41%, 75%
CMY	0.4471, 0.5922, 0.2549
CMYK	0.26, 0.45, 0.00, 0.25
HSL	266°, 40%, 58%
HSV	266°, 45%, 75%
XYZ	25.2291, 19.2811, 51.1071
YIQ	124.8670, -5.5540, 34.5900

# Conversions

## Conversions Part 2

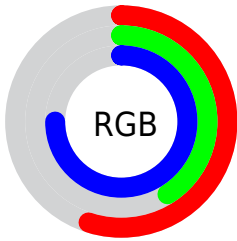
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	141, 104, 190
Decimal	9267390
CIE Lab	51.01, 32.48, -39.89
CIE LCh	51, 51.440, 309.154
Yxy	19.2811, 0.2639, 0.2016
Android (android.graphics.Color)	4287457470 (0xFF8D68BE)
YUV	124.8670, 32.1106, 14.1486
Hunter-Lab	43.9102, 25.7163, -38.2705

# Details

The YUV color **124.8670, 32.1106, 14.1486** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **169.1330, -32.1106, -14.1486**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.3340, 33.8523, 15.4931**, and **74.6880, 30.2268, 11.6746** is the 20% darker color. If you saturate the color by 10%, you get **110.4250, 39.2305, 17.1673**, and if you desaturate by 10%, it is **139.3090, 24.9907, 11.1300**.

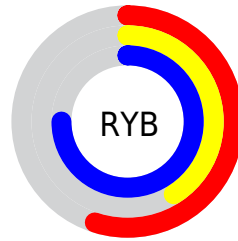
# Distribution



Red (55%)

Green (41%)

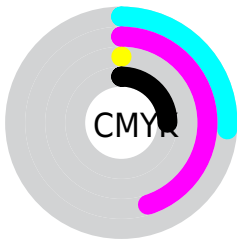
Blue (75%)



Red (55%)

Yellow (41%)

Blue (75%)

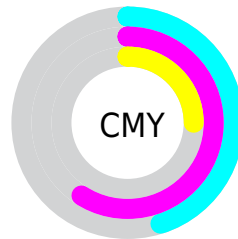


Cyan (26%)

Magenta (45%)

Yellow (0%)

Black (25%)



Cyan (45%)

Magenta (59%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 124.8670, 32.1106, 14.1486 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 124.8670, 32.1106, 14.1486 by changing the saturation by 10% instead.



124.8670, 32.1106,  
14.1486

124.8670, 32.1106,  
14.1486

255.0000, 0.0000,  
0.0000

99.0410, 31.5318,  
13.1190

178.3340, 33.8523,  
15.4931

74.6880, 30.2268,  
11.6746

203.7660, 25.2584,  
18.6222

50.4490, 29.3586,  
10.1302

228.8730, 12.8806,  
22.0364

26.6230, 28.7799,  
9.1006

245.6080, 4.6303,  
8.2368

11.5530, 24.8704,  
3.0230

6.2070, 16.1669,  
-5.4435

2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,  
0.0000

■ 124.8670, 32.1106,  
14.1486

■ 124.8670, 32.1106,  
14.1486

■ 110.4250, 39.2305,  
17.1673

■ 139.3090, 24.9907,  
11.1300

■ 95.9830, 46.3504,  
20.1859

■ 153.7510, 17.8708,  
8.1114

■ 81.8400, 53.3229,  
23.8193

■ 167.8940, 10.8983,  
4.4780

■ 67.3980, 60.4428,  
26.8380

■ 182.3360, 3.7784,  
1.4593

■ 52.9560, 67.5627,  
29.8566

■ 196.7780, -3.3416,  
-1.5593

46.1780, 70.9042,  
31.4159

211.2200,  
-10.4615, -4.5779

225.6620,  
-17.5814, -7.5966

239.5170,  
-24.4119, -10.1004

242.5070,  
-25.8860, -3.9526

# Harmonies

## Analogous

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



111.4720, 47.5883, -50.4029



124.8670, 32.1106, 14.1486



123.3530, 15.1090, 54.0644

# Triad

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



124.8670, 32.1106, 14.1486



117.9170, -40.8781, 44.7998



99.2170, 17.1480, -87.0133

# Complementary

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



124.8670, 32.1106, 14.1486



169.1330, -32.1106, -14.1486

# 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.



92.3260, -1.6397, -80.9699



124.8670, 32.1106, 14.1486



114.9920, -44.8591, 14.9160

# Square

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



124.8670, 32.1106, 14.1486



118.5880, -24.9399, 66.1363



109.2460, -30.1943, -22.1407



102.8310, 36.0723, -90.1828



# Rectangle

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



124.8670, 32.1106, 14.1486



120.4120, 2.2619, 68.0447



109.2460, -30.1943, -22.1407



96.9200, 10.8854, -84.9988

# Sweetspot

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



124.8670, 32.1106, 14.1486



221.3610, 12.6400, 5.8224



143.1540, 23.0951, -34.3381



109.0850, 7.8461, 3.4335



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.



124.8670, 32.1106, 14.1486



146.2050, 49.6919, 21.7452



137.4250, 25.9195, 39.9693



87.2220, 3.3416, 1.5593



38.3440, 58.9904, 26.0083



7.4210, 11.6244, 4.8928



# Inverse Universe

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



135.3000, 8.7261, 47.9719



162.4310, 13.5915, 74.1670



156.5750, -25.9195, -39.9693



88.2610, 0.8573, 5.0331



57.5020, 16.0215, 88.1367

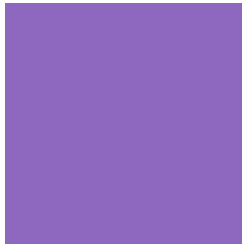


11.2070, 2.8559, 17.3585



# Previews

## White Background



This preview shows how the YUV color 124.8670, 32.1106, 14.1486 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 124.8670, 32.1106, 14.1486 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 124.8670, 32.1106, 14.1486 Background



This preview shows how black text looks on a background with the YUV color 124.8670, 32.1106, 14.1486.



This preview shows how white text looks on a background with the YUV color 124.8670, 32.1106,



# 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

124.8670, 32.1106, 14.1486

### Protanopia

119.0080, 41.4081, -28.0710

### Deuteranopia

118.8420, 33.1089, -26.1714



## Tritanopia

122.6140, 2.1623, 6.4775

# Trichromacy



## Original Color

124.8670, 32.1106, 14.1486

## Protanomaly

121.4830, 37.7229, -12.7016

## Deuteranomaly

121.1150, 32.4813, -11.5019

## Tritanomaly

123.4970, 13.0660, 9.2111

# Monochromacy



## Original Color

124.8670, 32.1106, 14.1486

## Achromatopsia

125.0000, 0.0000, 0.0000

## Achromatomaly

124.8340, 11.9138, 5.4076

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 124.8670, 32.1106, 14.1486 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(141, 104, 190)` looks like.

```
.text, #text, p{  
    color:rgb(141, 104, 190)  
}
```

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(141, 104, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 104, 190) }
```

## Border

The CSS property to change the border of an element to YUV 124.8670, 32.1106, 14.1486 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(141, 104, 190) }
```



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

```
.border{ border-color:rgb(141, 104, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 104, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 104, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 104, 190);  
box-shadow:4px 4px 4px 4px rgb(141, 104,  
190) }
```

# Background

The CSS property to change the background color of an element to YUV 124.8670, 32.1106, 14.1486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 104, 190) }
```

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

```
.background{ background-color: rgb(141,  
104, 190) }
```

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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