

# Converting Colors

YUV(122.1840, 11.2483,  
32.2876)

Have a look what the booklet for  
YUV(122.1840, 11.2483, 32.2876)  
contains.

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# Color

**YUV(122.1840, 11.2483,  
32.2876)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F6391
RGB	159, 99, 145
RGB Percent	62%, 39%, 57%
CMY	0.3765, 0.6118, 0.4314
CMYK	0.00, 0.38, 0.09, 0.38
HSL	314°, 24%, 51%
HSV	314°, 38%, 62%
XYZ	23.8708, 18.3389, 29.0697
YIQ	122.1840, 20.9940, 27.0260

# Conversions

## Conversions Part 2

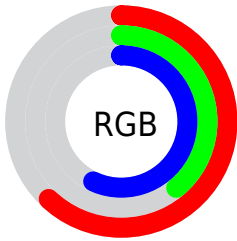
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	159, 99, 145
Decimal	10445713
CIE <sub>Lab</sub>	49.90, 31.39, -15.15
CIE <sub>LCh</sub>	50, 34.856, 334.230
Yxy	18.3389, 0.3349, 0.2573
Android (android.graphics.Color)	4288635793 (0xFF9F6391)
YUV	122.1840, 11.2483, 32.2876
Hunter-Lab	42.8240, 24.5567, -10.2703

# Details

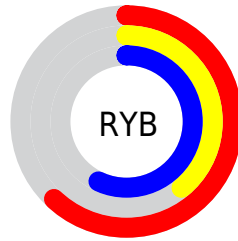
The YUV color **122.1840, 11.2483, 32.2876** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **135.8160, -11.2483, -32.2876**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.6080, 11.5323, 34.5468**, and **71.7600, 10.9643, 30.0285** is the 20% darker color. If you saturate the color by 10%, you get **112.3360, 14.1314, 40.9243**, and if you desaturate by 10%, it is **132.0320, 8.3652, 23.6509**.

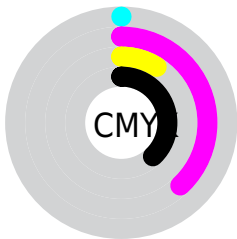
# Distribution



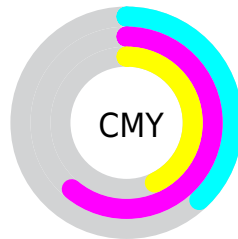
- Red (62%)
- Green (39%)
- Blue (57%)



- Red (62%)
- Yellow (39%)
- Blue (57%)



- Cyan (0%)
- Magenta (38%)
- Yellow (9%)
- Black (38%)



- Cyan (38%)
- Magenta (61%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 122.1840, 11.2483, 32.2876 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 122.1840, 11.2483, 32.2876 by changing the saturation by 10% instead.



122.1840, 11.2483,  
32.2876

122.1840, 11.2483,  
32.2876

255.0000, 0.0000,  
0.0000

96.4720, 11.1063,  
31.1581

175.6080, 11.5323,  
34.5468

71.7600, 10.9643,  
30.0285

203.0210, 11.8216,  
35.0616

48.1620, 11.2591,  
28.7989

226.2370, 14.1802,  
25.2252

23.6890, 11.9853,  
29.2137

242.6730, 6.0772,  
10.8108

14.5540, 6.6289,  
20.5621

0.0000, 0.0000,  
0.0000

122.1840, 11.2483,  
32.2876

122.1840, 11.2483,  
32.2876

112.3360, 14.1314,  
40.9243

132.0320, 8.3652,  
23.6509

102.6020, 17.4512,  
49.4610

141.7660, 5.0454,  
15.1142

92.7540, 20.3343,  
58.0977

151.6140, 2.1623,  
6.4775

82.9060, 23.2173,  
66.7344

161.4620, -0.7208,  
-2.1592

73.6450, 25.8110,  
74.8563

171.3100, -3.6038,  
-10.7959

63.9110, 29.1309,  
83.3931

180.4570, -6.6343,  
-18.8178

61.4490, 29.8516,  
85.5522

190.3050, -9.5174,  
-27.4545

200.1530,

-12.4004, -36.0912

 209.8870,  
-15.7203, -44.6279

# Harmonies

## Analogous

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



121.1080, 23.1178, 5.1673



122.1840, 11.2483, 32.2876



120.4280, -2.1830, 46.9826

# Triad

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



122.1840, 11.2483, 32.2876



115.6450, -28.4190, 15.2203



95.2850, 27.4675, -83.5649

# Complementary

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



122.1840, 11.2483, 32.2876



135.8160, -11.2483, -32.2876

# 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.



92.5660, 14.5110, -81.1804



122.1840, 11.2483, 32.2876



112.7990, -22.0859, -9.4707

# Square

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



122.1840, 11.2483, 32.2876



118.1620, -25.7159, 34.9379



107.1080, -7.4482, -37.8057



95.2170, 37.3610, -83.5053



# Rectangle

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



122.1840, 11.2483, 32.2876



119.6210, -11.6452, 48.5674



107.1080, -7.4482, -37.8057



94.8460, 23.2469, -83.1799

# Sweetspot

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



122.1840, 11.2483, 32.2876



192.8150, 4.0352, 12.4402



110.0260, 24.1442, 2.6082



96.3260, 2.3043, 7.6071



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



122.1840, 11.2483, 32.2876



149.9010, 17.3038, 50.0758



118.7640, -1.8557, 35.2870



74.0760, 1.4415, 4.3183



55.1830, 26.5318, 77.0155



5.8530, 3.0305, 8.0219



# Inverse Universe

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



122.1840, 11.2483, 32.2876



149.9010, 17.3038, 50.0758



139.2360, 1.8557, -35.2870



74.0760, 1.4415, 4.3183



55.1830, 26.5318, 77.0155

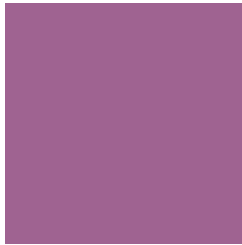


5.8530, 3.0305, 8.0219



# Previews

## White Background



This preview shows how the YUV color 122.1840, 11.2483, 32.2876 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

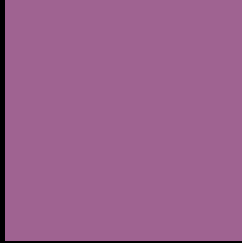
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 122.1840, 11.2483, 32.2876 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

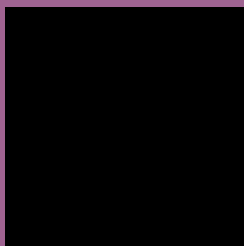
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 122.1840, 11.2483, 32.2876

## Background



This preview shows how black text looks on a background with the YUV color 122.1840, 11.2483, 32.2876.



This preview shows how white text looks on a background with the YUV color 122.1840, 11.2483,



# 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

122.1840, 11.2483, 32.2876

### Protanopia

119.5700, 18.9460, -10.1469

### Deuteranopia

119.8610, 10.9145, -0.7551



## Tritanopia

120.8620, -3.8760, 29.9390

# Trichromacy



## Original Color

122.1840, 11.2483, 32.2876

## Protanomaly

120.5720, 15.9870, 5.6374

## Deuteranomaly

120.9380, 10.8766, 11.4554

## Tritanomaly

121.3550, 1.7970, 30.3837

# Monochromacy



## Original Color

122.1840, 11.2483, 32.2876

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

122.1030, 3.8932, 11.3107

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 122.1840, 11.2483, 32.2876 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(159, 99, 145)` looks like.

```
.text, #text, p{  
    color:rgb(159, 99, 145)  
}
```

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(159, 99, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 99, 145) }
```

## Border

The CSS property to change the border of an element to YUV 122.1840, 11.2483, 32.2876 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(159, 99, 145) }
```



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

```
.border{ border-color:rgb(159, 99, 145) }
```

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

Here you see how a box with a 4 pixel rgb(159, 99, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 99, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 99, 145);  
box-shadow:4px 4px 4px 4px rgb(159, 99,  
145) }
```

# Background

The CSS property to change the background color of an element to YUV 122.1840, 11.2483, 32.2876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 99, 145) }
```

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

```
.background{ background-color: rgb(159, 99,  
145) }
```

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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