

# Converting Colors

YUV(145.3980, 13.1148,  
-6.4880)

Have a look what the booklet for  
YUV(145.3980, 13.1148, -6.4880)  
contains.

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# Color

**YUV(145.3980, 13.1148,  
-6.4880)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A90AC
RGB	138, 144, 172
RGB Percent	54%, 56%, 67%
CMY	0.4588, 0.4353, 0.3255
CMYK	0.20, 0.16, 0.00, 0.33
HSL	229°, 17%, 61%
HSV	229°, 20%, 67%
XYZ	27.9009, 28.3283, 43.0271
YIQ	145.3980, -12.5640, 7.4360

# Conversions

## Conversions Part 2

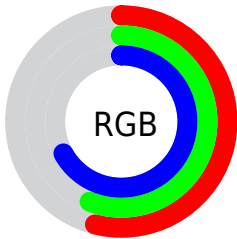
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 143, 172
Decimal	9081004
CIE <sub>Lab</sub>	60.18, 3.92, -15.41
CIE <sub>LCh</sub>	60, 15.904, 284.267
Yxy	28.3283, 0.2811, 0.2854
Android (android.graphics.Color)	4287271084 (0xFF8A90AC)
YUV	145.3980, 13.1148, -6.4880
Hunter-Lab	53.2244, 0.4293, -10.6735

# Details

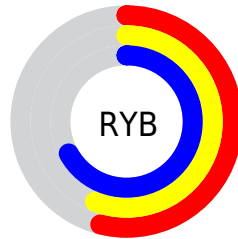
The YUV color **145.3980, 13.1148, -6.4880** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **164.6020, -13.1148, 6.4880**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.5120, 13.5516, -6.5880**, and **95.1700, 12.2412, -6.2881** is the 20% darker color. If you saturate the color by 10%, you get **132.0970, 19.6722, -9.7321**, and if you desaturate by 10%, it is **158.6990, 6.5574, -3.2440**.

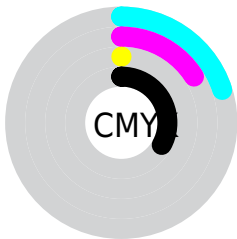
# Distribution



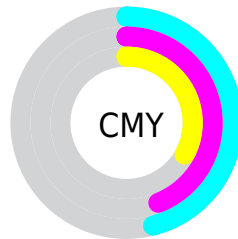
- Red (54%)
- Green (56%)
- Blue (67%)



- Red (54%)
- Yellow (56%)
- Blue (67%)



- Cyan (20%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)



- Cyan (46%)
- Magenta (44%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 145.3980, 13.1148, -6.4880 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 145.3980, 13.1148, -6.4880 by changing the saturation by 10% instead.



■ 145.3980, 13.1148,  
-6.4880

■ 145.3980, 13.1148,  
-6.4880

255.0000, 0.0000,  
0.0000

■ 119.2840, 12.6780,  
-6.3881

■ 199.5120, 13.5516,  
-6.5880

■ 95.1700, 12.2412,  
-6.2881

■ 227.5120, 13.5516,  
-6.5880

■ 71.0560, 11.8044,  
-6.1881

■ 252.3200, 1.3212,  
-3.7886

■ 48.5290, 11.0782,  
-6.6029

■ 27.1160, 10.7888,  
-7.1177

■ 3.1920, 12.2303,  
-2.7994

■ 0.0000, 0.0000,

0.0000

■ 145.3980, 13.1148,  
-6.4880

■ 145.3980, 13.1148,  
-6.4880

■ 132.0970, 19.6722,  
-9.7321

■ 158.6990, 6.5574,  
-3.2440

■ 118.7960, 26.2296,  
-12.9761

■ 172.0000, 0.0000,  
0.0000

■ 105.1960, 32.9344,  
-16.8349

■ 185.6000, -6.7048,  
3.8588

■ 91.3080, 39.7812,  
-19.5641

■ 199.4880,  
-13.5516, 6.5880

■ 78.0070, 46.3385,  
-22.8081

■ 212.7890,  
-20.1090, 9.8320

■ 64.7060, 52.8959,  
-26.0522

■ 226.0900,  
-26.6664, 13.0761

■ 51.4050, 59.4533,  
-29.2962

■ 238.4940,  
-32.7815, 14.4758

■ 37.8050, 66.1581,  
-33.1550

■ 245.5380,  
-36.2542, 8.2982

■ 37.2180, 66.4475,  
-32.6402

# Harmonies

## Analogous

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



142.9510, 14.3212, -20.1280



145.3980, 13.1148, -6.4880



147.0470, 8.8508, 7.8518

# Triad

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



145.3980, 13.1148, -6.4880



146.7980, -10.2534, 22.1022



140.7110, -1.8295, -19.9175

# Complementary

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



145.3980, 13.1148, -6.4880



164.6020, -13.1148, 6.4880

# 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.



142.0670, -8.4140, -7.9518



145.3980, 13.1148, -6.4880



145.5430, -13.5787, 15.3098

# Square

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



145.3980, 13.1148, -6.4880



147.1170, -4.0017, 23.5764



143.7050, -12.6726, 4.6437



139.6160, 5.6123, -26.8502



# Rectangle

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



145.3980, 13.1148, -6.4880



147.6520, 4.6086, 15.2142



143.7050, -12.6726, 4.6437



141.0490, -4.4612, -15.8290

# Sweetspot

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



145.3980, 13.1148, -6.4880



213.6560, 5.0996, -2.3293



161.1500, 2.3910, -20.3026



106.0860, 2.9156, -1.8294



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

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



145.3980, 13.1148, -6.4880



182.3250, 20.5458, -9.9320



145.1650, 13.2297, 3.3633



80.2000, 3.3524, -1.9294



32.9490, 57.7061, -28.8963



4.9700, 8.8888, -4.3587



# Inverse Universe

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



148.8500, -2.3910, 20.3026



187.8730, -3.8814, 31.6834



164.8350, -13.2297, -3.3633



80.9190, -0.4531, 5.3330



47.9280, -10.3175, 89.5171

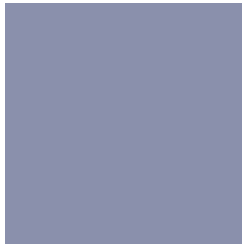


7.3330, -1.6432, 13.7400



# Previews

## White Background



This preview shows how the YUV color 145.3980, 13.1148, -6.4880 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 145.3980, 13.1148, -6.4880 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

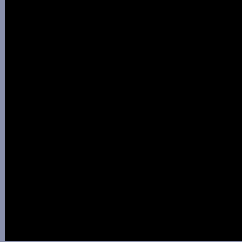
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 145.3980, 13.1148, -6.4880

## Background



This preview shows how black text looks on a background with the YUV color 145.3980, 13.1148, -6.4880.



This preview shows how white text looks on a background with the YUV color 145.3980, 13.1148, -6.4880.

-6.4880.

# 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

145.3980, 13.1148, -6.4880

### Protanopia

145.6970, 12.9674, -5.8733

### Deuteranopia

146.6160, 12.5143, -0.5402



## **Tritanopia**

144.0790, 6.8631, -7.9623

# Trichromacy



## Original Color

145.3980, 13.1148, -6.4880

## Protanomaly

145.6970, 12.9674, -5.8733

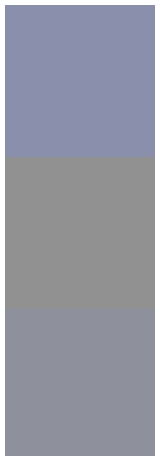
## Deuteranomaly

146.3060, 12.6671, -2.8994

## Tritanomaly

144.3610, 9.1890, -7.3326

# Monochromacy



## Original Color

145.3980, 13.1148, -6.4880

## Achromatopsia

145.0000, 0.0000, 0.0000

## Achromatomaly

145.2430, 4.8102, -2.8441

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 145.3980, 13.1148, -6.4880 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(138, 144, 172)` looks like.

```
.text, #text, p{  
    color:rgb(138, 144, 172)  
}
```

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(138, 144, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 144, 172) }
```

## Border

The CSS property to change the border of an element to YUV 145.3980, 13.1148, -6.4880 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(138, 144, 172) }
```



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

```
.border{ border-color:rgb(138, 144, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 144, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 144, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 144, 172);  
box-shadow:4px 4px 4px 4px rgb(138, 144,  
172) }
```

# Background

The CSS property to change the background color of an element to YUV 145.3980, 13.1148, -6.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 144, 172) }
```

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

```
.background{ background-color: rgb(138,  
144, 172) }
```

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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