

# Converting Colors

YUV(113.1140, 7.3388, 26.2100)

Have a look what the booklet for  
YUV(113.1140, 7.3388, 26.2100)  
contains.

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# Color

**YUV(113.1140, 7.3388,  
26.2100)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8F5F80
RGB	143, 95, 128
RGB Percent	56%, 37%, 50%
CMY	0.4392, 0.6275, 0.4980
CMYK	0.00, 0.34, 0.10, 0.44
HSL	319°, 20%, 47%
HSV	319°, 34%, 56%
XYZ	19.3162, 15.5826, 22.4117
YIQ	113.1140, 18.0150, 20.4390

# Conversions

## Conversions Part 2

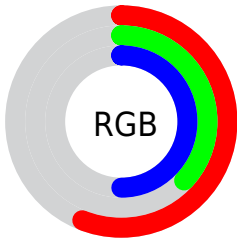
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	143, 95, 128
Decimal	9396096
CIE <sub>Lab</sub>	46.42, 24.91, -10.46
CIE <sub>LCh</sub>	46, 27.014, 337.213
Yxy	15.5826, 0.3370, 0.2719
Android (android.graphics.Color)	4287586176 (0xFF8F5F80)
YUV	113.1140, 7.3388, 26.2100
Hunter-Lab	39.4748, 18.2646, -6.0295

# Details

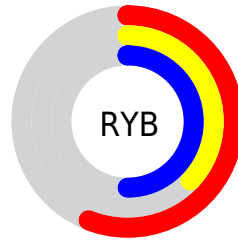
The YUV color **113.1140, 7.3388, 26.2100** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **124.8860, -7.3388, -26.2100**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.2390, 7.7702, 27.8544**, and **64.1030, 7.3442, 24.4657** is the 20% darker color. If you saturate the color by 10%, you get **104.4400, 9.6431, 33.8171**, and if you desaturate by 10%, it is **121.7880, 5.0345, 18.6029**.

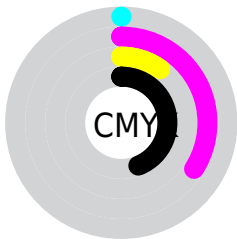
# Distribution



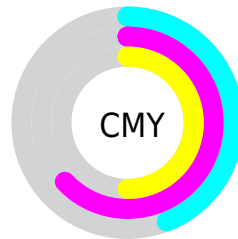
- Red (56%)
- Green (37%)
- Blue (50%)



- Red (56%)
- Yellow (37%)
- Blue (50%)



- Cyan (0%)
- Magenta (34%)
- Yellow (10%)
- Black (44%)




- Cyan (44%)
- Magenta (63%)
- Yellow (50%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 113.1140, 7.3388, 26.2100 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 113.1140, 7.3388, 26.2100 by changing the saturation by 10% instead.




 113.1140, 7.3388,  
26.2100

 113.1140, 7.3388,  
26.2100


255.0000, 0.0000,  
0.0000

 88.4020, 7.1968,  
25.0804

 165.2390, 7.7702,  
27.8544

 64.1030, 7.3442,  
24.4657


 192.8370, 7.4754,  
29.0840

 41.0920, 7.3496,  
22.7213

 220.6630, 8.0541,  
30.1135

 18.7930, 7.4971,  
22.1065

 239.7380, 7.5242,  
13.3848

 6.6360, 2.1515,  
9.9662

 0.0000, 0.0000,  
0.0000

■ 113.1140, 7.3388,  
26.2100

■ 113.1140, 7.3388,  
26.2100

■ 104.4400, 9.6431,  
33.8171

■ 121.7880, 5.0345,  
18.6029

■ 95.0650, 11.8000,  
42.0390

■ 131.1630, 2.8776,  
10.3810

■ 86.3910, 14.1042,  
49.6461

■ 139.8370, 0.5734,  
2.7740

■ 77.6030, 15.9717,  
57.3532

■ 148.6250, -1.2941,  
-4.9331

■ 68.3420, 18.5654,  
65.4751

■ 157.8860, -3.8878,  
-13.0550

■ 59.5540, 20.4329,  
73.1821


■ 166.6740, -5.7553,  
-20.7621

■ 53.9290, 21.7270,  
78.1153

■ 175.3480, -8.0596,  
-28.3692

■ 184.1360, -9.9270,

-36.0763

 193.3970,  
-12.5207, -44.1982

# Harmonies

## Analogous

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



112.3980, 16.5658, 6.6670



113.1140, 7.3388, 26.2100



112.0200, -3.4609, 36.8165

# Triad

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



113.1140, 7.3388, 26.2100



107.8600, -21.1300, 10.6468



91.4290, 22.4665, -66.1512

# Complementary

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



113.1140, 7.3388, 26.2100



124.8860, -7.3388, -26.2100

# 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.



95.4880, 9.6194, -52.1710



113.1140, 7.3388, 26.2100



105.4060, -15.9762, -9.1261

# Square

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



113.1140, 7.3388, 26.2100



109.8880, -20.1578, 25.5312



101.5480, -4.7072, -30.2986



99.9460, 25.1696, -46.4336



# Rectangle

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



113.1140, 7.3388, 26.2100



111.4840, -10.5916, 37.2865



101.5480, -4.7072, -30.2986



91.5170, 18.9721, -65.3514

# Sweetspot

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



113.1140, 7.3388, 26.2100



174.7500, 2.5882, 9.8663



104.6580, 18.9026, 3.8079



87.2010, 1.8729, 5.9627



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



113.1140, 7.3388, 26.2100



139.9400, 11.3686, 40.3946



110.4920, -2.7076, 28.5095



66.6630, 1.1521, 3.8035



50.9670, 20.7223, 73.6969



2.9620, 1.0047, 4.4183



# Inverse Universe

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



113.1140, 7.3388, 26.2100



139.9400, 11.3686, 40.3946



127.5080, 2.7076, -28.5095



66.6630, 1.1521, 3.8035



50.9670, 20.7223, 73.6969



2.9620, 1.0047, 4.4183



# Previews

## White Background



This preview shows how the YUV color 113.1140, 7.3388, 26.2100 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

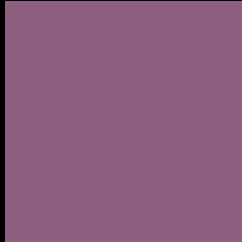
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 113.1140, 7.3388, 26.2100 looks on a black 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

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

# YUV 113.1140, 7.3388, 26.2100

## Background



This preview shows how black text looks on a background with the YUV color 113.1140, 7.3388, 26.2100.



This preview shows how white text looks on a background with the YUV color 113.1140, 7.3388,



# 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

113.1140, 7.3388, 26.2100

### Protanopia

110.8110, 13.4042, -5.9732

### Deuteranopia

111.8460, 6.9779, 1.8891



## Tritanopia

112.1710, -2.5493, 24.4060

# Trichromacy



## Original Color

113.1140, 7.3388, 26.2100

## Protanomaly

111.6060, 11.0402, 5.6075

## Deuteranomaly

112.3140, 7.2402, 11.1256

## Tritanomaly

112.7950, 1.0871, 24.7358

# Monochromacy



## Original Color

113.1140, 7.3388, 26.2100

## Achromatopsia

113.0000, 0.0000, 0.0000

## Achromatomaly

112.7500, 2.5882, 9.8663

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 113.1140, 7.3388, 26.2100 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(143, 95, 128)` looks like.

```
.text, #text, p{  
    color:rgb(143, 95, 128)  
}
```

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(143, 95, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 95, 128) }
```

## Border

The CSS property to change the border of an element to YUV 113.1140, 7.3388, 26.2100 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(143, 95, 128) }
```



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

```
.border{ border-color:rgb(143, 95, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 95, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 95, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 95, 128);  
box-shadow:4px 4px 4px 4px rgb(143, 95,  
128) }
```

# Background

The CSS property to change the background color of an element to YUV 113.1140, 7.3388, 26.2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 95, 128) }
```

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

```
.background{ background-color: rgb(143, 95,  
128) }
```

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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