

# Converting Colors

YUV(108.6740, 8.0487, 31.8579)

Have a look what the booklet for  
YUV(108.6740, 8.0487, 31.8579)  
contains.

<b>YUV(108.6740, 8.0487, 31.8579)</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(108.6740, 8.0487,  
31.8579)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91577D
RGB	145, 87, 125
RGB Percent	57%, 34%, 49%
CMY	0.4314, 0.6588, 0.5098
CMYK	0.00, 0.40, 0.14, 0.43
HSL	321°, 25%, 45%
HSV	321°, 40%, 57%
XYZ	18.7869, 14.3168, 21.1753
YIQ	108.6740, 22.3700, 24.1140

# Conversions

## Conversions Part 2

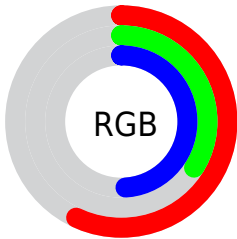
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 87, 125
Decimal	9525117
CIE <sub>Lab</sub>	44.68, 29.69, -11.25
CIE <sub>LCh</sub>	45, 31.747, 339.252
Yxy	14.3168, 0.3461, 0.2638
Android (android.graphics.Color)	4287715197 (0xFF91577D)
YUV	108.6740, 8.0487, 31.8579
Hunter-Lab	37.8375, 22.4123, -6.6946

# Details

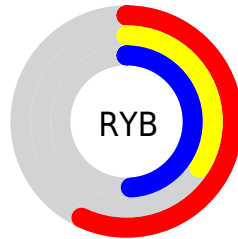
The YUV color **108.6740, 8.0487, 31.8579** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **123.3260, -8.0487, -31.8579**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.0980, 8.3327, 34.1171**, and **59.3640, 8.2015, 29.4988** is the 20% darker color. If you saturate the color by 10%, you get **99.8860, 9.9162, 39.5650**, and if you desaturate by 10%, it is **118.0490, 5.8918, 23.6360**.

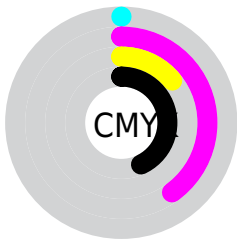
# Distribution



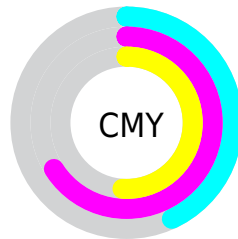
- Red (57%)
- Green (34%)
- Blue (49%)



- Red (57%)
- Yellow (34%)
- Blue (49%)



- Cyan (0%)
- Magenta (40%)
- Yellow (14%)
- Black (43%)



- Cyan (43%)
- Magenta (66%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 108.6740, 8.0487, 31.8579 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 108.6740, 8.0487, 31.8579 by changing the saturation by 10% instead.




 108.6740, 8.0487,  
31.8579

 108.6740, 8.0487,  
31.8579


255.0000, 0.0000,  
0.0000


 83.9620, 7.9067,  
30.7283


 161.0980, 8.3327,  
34.1171


 59.3640, 8.2015,  
29.4988


 188.3970, 8.1853,  
34.7318


 35.1790, 8.7858,  
28.7840

 215.5110, 8.6221,  
34.6319

 17.1030, 7.3442,  
24.4657

 234.4550, 10.1287,  
18.0180

 5.0550, -0.0271,  
8.7218

 251.4780, 1.7363,  
3.0888

 0.0000, 0.0000,  
0.0000

108.6740, 8.0487,  
31.8579

108.6740, 8.0487,  
31.8579

99.8860, 9.9162,  
39.5650

118.0490, 5.8918,  
23.6360

90.5110, 12.0731,  
47.7869

126.8370, 4.0244,  
15.9290

81.7230, 13.9406,  
55.4939

136.2120, 1.8675,  
7.7071

72.3480, 16.0974,  
63.7158

145.0000, 0.0000,  
0.0000

62.9730, 18.2543,  
71.9377

154.3750, -2.1569,  
-8.2219


54.1850, 20.1218,  
79.6448

163.1630, -4.0244,  
-15.9290

172.5380, -6.1812,  
-24.1508

181.3260, -8.0487,

-31.8579

 190.7010,  
-10.2056, -40.0798

# Harmonies

## Analogous

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



108.6910, 18.8863, 9.0410



108.6740, 8.0487, 31.8579



107.1240, -4.4981, 42.8643

# Triad

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



108.6740, 8.0487, 31.8579



102.8230, -25.0557, 9.8022



84.9980, 26.1300, -74.5432

# Complementary

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



108.6740, 8.0487, 31.8579



123.3260, -8.0487, -31.8579

# 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.



82.7350, 14.9206, -72.5586



108.6740, 8.0487, 31.8579



99.9280, -17.7125, -12.2149

# Square

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



108.6740, 8.0487, 31.8579



104.8730, -24.0944, 28.1754



94.0200, -3.9539, -38.6055



86.0940, 33.9707, -69.3654



# Rectangle

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



108.6740, 8.0487, 31.8579



106.6480, -12.6445, 42.4047



94.0200, -3.9539, -38.6055



84.7870, 22.7830, -74.3582

# Sweetspot

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



108.6740, 8.0487, 31.8579



174.5870, 3.1616, 12.6402



99.2930, 22.5336, 5.8820



85.9130, 2.0149, 7.0923



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.



108.6740, 8.0487, 31.8579



131.9350, 12.3570, 50.0460



105.4820, -4.1816, 34.6573



66.6630, 1.1521, 3.8035



50.5110, 18.9751, 74.0969



2.9620, 1.0047, 4.4183



# Inverse Universe

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



108.6740, 8.0487, 31.8579



131.9350, 12.3570, 50.0460



126.5180, 4.1816, -34.6573



66.6630, 1.1521, 3.8035



50.5110, 18.9751, 74.0969

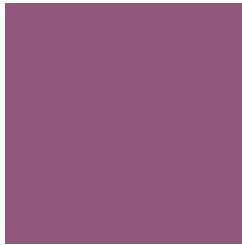


2.9620, 1.0047, 4.4183



# Previews

## White Background



This preview shows how the YUV color 108.6740, 8.0487, 31.8579 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

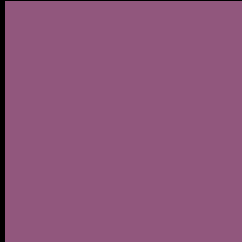
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 108.6740, 8.0487, 31.8579 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

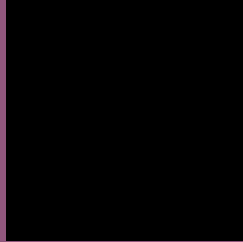
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 108.6740, 8.0487, 31.8579

## Background



This preview shows how black text looks on a background with the YUV color 108.6740, 8.0487, 31.8579.



This preview shows how white text looks on a background with the YUV color 108.6740, 8.0487,



# 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

108.6740, 8.0487, 31.8579

### Protanopia

106.5550, 15.0094, -7.5027

### Deuteranopia

106.9600, 7.4147, 1.7891



## Tritanopia

107.7480, -4.3128, 30.0390

# Trichromacy



## Original Color

108.6740, 8.0487, 31.8579

## Protanomaly

107.0730, 12.7820, 6.9520

## Deuteranomaly

107.4390, 7.6716, 12.7700

## Tritanomaly

107.8990, 0.0498, 30.7836

# Monochromacy



## Original Color

108.6740, 8.0487, 31.8579

## Achromatopsia

109.0000, 0.0000, 0.0000

## Achromatomaly

108.8750, 3.0196, 11.5106

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 108.6740, 8.0487, 31.8579 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, 87, 125)` looks like.

```
.text, #text, p{  
    color:rgb(145, 87, 125)  
}
```

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, 87, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 87, 125) }
```

## Border

The CSS property to change the border of an element to YUV 108.6740, 8.0487, 31.8579 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, 87, 125) }
```



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

```
.border{ border-color:rgb(145, 87, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 87, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 87, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 87, 125);  
box-shadow:4px 4px 4px 4px rgb(145, 87,  
125) }
```

# Background

The CSS property to change the background color of an element to YUV 108.6740, 8.0487, 31.8579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 87, 125) }
```

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

```
.background{ background-color: rgb(145, 87,  
125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor