

# Converting Colors

YUV(107.4890, 8.6329, 31.1431)

Have a look what the booklet for  
YUV(107.4890, 8.6329, 31.1431)  
contains.

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# Color

**YUV(107.4890, 8.6329,  
31.1431)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8F567D
RGB	143, 86, 125
RGB Percent	56%, 34%, 49%
CMY	0.4392, 0.6627, 0.5098
CMYK	0.00, 0.40, 0.13, 0.44
HSL	319°, 25%, 45%
HSV	319°, 40%, 56%
XYZ	18.3572, 13.9759, 21.1321
YIQ	107.4890, 21.4530, 24.2130

# Conversions

## Conversions Part 2

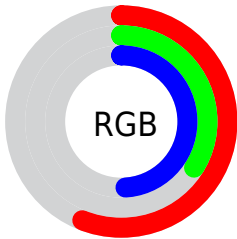
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	143, 86, 125
Decimal	9393789
CIE <sub>Lab</sub>	44.20, 29.54, -12.01
CIE <sub>LCh</sub>	44, 31.889, 337.885
Yxy	13.9759, 0.3433, 0.2614
Android (android.graphics.Color)	4287583869 (0xFF8F567D)
YUV	107.4890, 8.6329, 31.1431
Hunter-Lab	37.3843, 22.2278, -7.3456

# Details

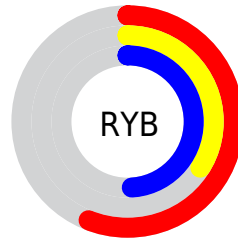
The YUV color **107.4890, 8.6329, 31.1431** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **121.5110, -8.6329, -31.1431**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.9130, 8.9169, 33.4023**, and **58.1790, 8.7858, 28.7840** is the 20% darker color. If you saturate the color by 10%, you get **98.7010, 10.5004, 38.8502**, and if you desaturate by 10%, it is **116.2770, 6.7654, 23.4361**.

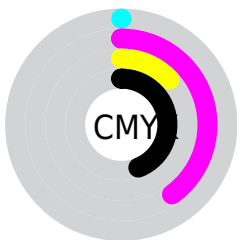
# Distribution



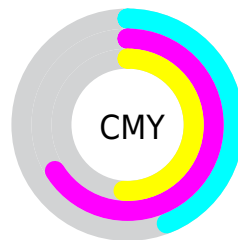
- Red (56%)
- Green (34%)
- Blue (49%)



- Red (56%)
- Yellow (34%)
- Blue (49%)



- Cyan (0%)
- Magenta (40%)
- Yellow (13%)
- Black (44%)



- Cyan (44%)
- Magenta (66%)
- Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 107.4890, 8.6329, 31.1431 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 107.4890, 8.6329, 31.1431 by changing the saturation by 10% instead.





 107.4890, 8.6329,  
31.1431


 107.4890, 8.6329,  
31.1431

255.0000, 0.0000,  
0.0000


 82.7770, 8.4909,  
30.0136


 159.9130, 8.9169,  
33.4023


 58.1790, 8.7858,  
28.7840

 187.2120, 8.7695,  
34.0171


 34.2930, 9.2226,  
28.6840

 214.9240, 8.9115,  
35.1467

 16.8040, 7.4916,  
23.8509

 233.8680, 10.4181,  
18.5328

 3.5600, 0.7099,  
5.6479

 250.8910, 2.0257,  
3.6036

 0.0000, 0.0000,  
0.0000

107.4890, 8.6329,  
31.1431

107.4890, 8.6329,  
31.1431

98.7010, 10.5004,  
38.8502

116.2770, 6.7654,  
23.4361

89.4400, 13.0941,  
46.9721

125.5380, 4.1718,  
15.3142

80.6520, 14.9616,  
54.6792

134.3260, 2.3043,  
7.6071

71.9780, 17.2658,  
62.2863

143.0000, 0.0000,  
0.0000

62.6030, 19.4227,  
70.5082

152.3750, -2.1569,  
-8.2219


53.9290, 21.7270,  
78.1153

161.0490, -4.4612,  
-15.8290

169.8370, -6.3286,  
-23.5360

178.5110, -8.6329,

-31.1431

 187.8860,  
-10.7898, -39.3650

# Harmonies

## Analogous

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



107.0930, 19.1812, 7.8114



107.4890, 8.6329, 31.1431



106.2380, -4.0613, 42.7643

# Triad

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



107.4890, 8.6329, 31.1431



101.5350, -24.9138, 10.9318



84.1830, 25.5458, -73.8285

# Complementary

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



107.4890, 8.6329, 31.1431



121.5110, -8.6329, -31.1431

# 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.



81.9200, 14.3364, -71.8438



107.4890, 8.6329, 31.1431



98.4120, -18.4441, -10.8853

# Square

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



107.4890, 8.6329, 31.1431



103.5850, -23.9524, 29.3050



93.2050, -4.5381, -37.8908



83.7730, 34.1289, -73.4689



# Rectangle

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



107.4890, 8.6329, 31.1431



105.1750, -11.9183, 42.8195



93.2050, -4.5381, -37.8908



83.8580, 21.7620, -73.5435

# Sweetspot

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



107.4890, 8.6329, 31.1431



172.2880, 3.3090, 12.0254



97.5810, 22.3916, 4.7525



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.



107.4890, 8.6329, 31.1431



130.5650, 13.5255, 48.6165



104.2970, -3.5974, 33.9425



66.6630, 1.1521, 3.8035



50.8530, 20.2855, 73.7969



2.9620, 1.0047, 4.4183



# Inverse Universe

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



107.4890, 8.6329, 31.1431



130.5650, 13.5255, 48.6165



124.7030, 3.5974, -33.9425



66.6630, 1.1521, 3.8035



50.8530, 20.2855, 73.7969

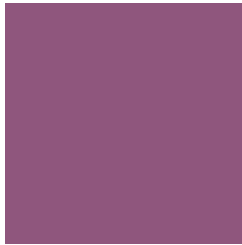


2.9620, 1.0047, 4.4183



# Previews

## White Background



This preview shows how the YUV color 107.4890, 8.6329, 31.1431 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

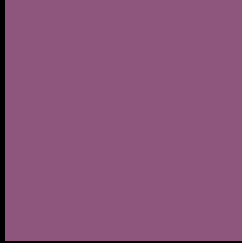
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 107.4890, 8.6329, 31.1431 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

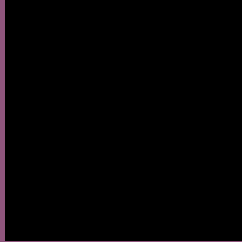
Any Text WCAG AA × Fail

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 107.4890, 8.6329, 31.1431 Background



This preview shows how black text looks on a background with the YUV color 107.4890, 8.6329, 31.1431.



This preview shows how white text looks on a background with the YUV color 107.4890, 8.6329,



# 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

107.4890, 8.6329, 31.1431

### Protanopia

105.3700, 15.5936, -8.2175

### Deuteranopia

105.7750, 7.9989, 1.0743



## Tritanopia

106.4490, -4.1654, 29.4242

# Trichromacy



## Original Color

107.4890, 8.6329, 31.1431

## Protanomaly

105.8880, 13.3662, 6.2372

## Deuteranomaly

106.2540, 8.2558, 12.0552

## Tritanomaly

106.7140, 0.6340, 30.0688

# Monochromacy



## Original Color

107.4890, 8.6329, 31.1431

## Achromatopsia

107.0000, 0.0000, 0.0000

## Achromatomaly

106.9890, 3.4564, 11.4106

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 107.4890, 8.6329, 31.1431 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, 86, 125)` looks like.

```
.text, #text, p{  
    color:rgb(143, 86, 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(143, 86, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 86, 125) }
```

## Border

The CSS property to change the border of an element to YUV 107.4890, 8.6329, 31.1431 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, 86, 125) }
```



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

```
.border{ border-color:rgb(143, 86, 125) }
```

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

Here you see how a box with a 4 pixel rgb(143, 86, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 86, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 86, 125);  
box-shadow:4px 4px 4px 4px rgb(143, 86,  
125) }
```

# Background

The CSS property to change the background color of an element to YUV 107.4890, 8.6329, 31.1431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 86, 125) }
```

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

```
.background{ background-color: rgb(143, 86,  
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](#).

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