

# Converting Colors

YUV(99.1750, 21.6057, 23.5255)

Have a look what the booklet for  
YUV(99.1750, 21.6057, 23.5255)  
contains.

<b>YUV(99.1750, 21.6057, 23.5255)</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(99.1750, 21.6057,  
23.5255)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E4D8F
RGB	126, 77, 143
RGB Percent	49%, 30%, 56%
CMY	0.5059, 0.6980, 0.4392
CMYK	0.12, 0.46, 0.00, 0.44
HSL	285°, 30%, 43%
HSV	285°, 46%, 56%
XYZ	16.2160, 11.7265, 27.3954
YIQ	99.1750, 8.0180, 30.9140

# Conversions

## Conversions Part 2

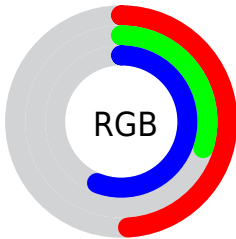
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 77, 143
Decimal	8277391
CIE <sub>Lab</sub>	40.78, 32.58, -28.37
CIE <sub>LCh</sub>	41, 43.200, 318.954
Yxy	11.7265, 0.2930, 0.2119
Android (android.graphics.Color)	4286467471 (0xFF7E4D8F)
YUV	99.1750, 21.6057, 23.5255
Hunter-Lab	34.2440, 24.6001, -23.4614

# Details

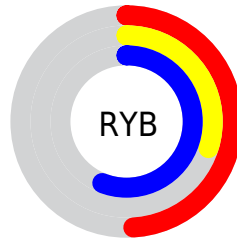
The YUV color **99.1750, 21.6057, 23.5255** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **120.8250, -21.6057, -23.5255**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.8270, 22.7633, 25.5847**, and **50.5230, 20.4482, 21.4663** is the 20% darker color. If you saturate the color by 10%, you get **89.7610, 26.2468, 28.2736**, and if you desaturate by 10%, it is **108.5890, 16.9646, 18.7774**.

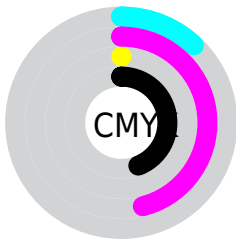
# Distribution



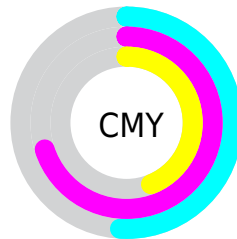
- Red (49%)
- Green (30%)
- Blue (56%)



- Red (49%)
- Yellow (30%)
- Blue (56%)



- Cyan (12%)
- Magenta (46%)
- Yellow (0%)
- Black (44%)



- Cyan (51%)
- Magenta (70%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 99.1750, 21.6057, 23.5255 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 99.1750, 21.6057, 23.5255 by changing the saturation by 10% instead.



■ 99.1750, 21.6057,  
23.5255

■ 99.1750, 21.6057,  
23.5255

■ 255.0000, 0.0000,  
0.0000

■ 74.3490, 21.0269,  
22.4959

■ 150.8270, 22.7633,  
25.5847

■ 50.5230, 20.4482,  
21.4663

■ 178.2400, 23.0527,  
26.0995

■ 25.9360, 20.7376,  
21.9811

■ 206.0660, 23.6315,  
27.1291

■ 14.8120, 15.3757,  
15.0739

■ 227.9980, 13.3120,  
23.6808

■ 3.3230, 10.1938,  
-2.9143

■ 244.4340, 5.2090,  
9.2664

■ 0.0000, 0.0000,  
0.0000

99.1750, 21.6057,  
23.5255

99.1750, 21.6057,  
23.5255

89.7610, 26.2468,  
28.2736

108.5890, 16.9646,  
18.7774

80.0590, 31.0299,  
34.1513

118.2910, 12.1815,  
12.8998

70.6450, 35.6710,  
38.8993

127.7050, 7.5404,  
8.1517

61.2310, 40.3121,  
43.6474

137.1190, 2.8993,  
3.4036

51.5290, 45.0952,  
49.5251

146.8210, -1.8838,  
-2.4740


47.9960, 46.8370,  
50.8695

156.2350, -6.5249,  
-7.2221

165.6490,  
-11.1660, -11.9702

174.7640,

-15.6597, -17.3330

 184.7650,  
-20.5901, -22.5959

# Harmonies

## Analogous

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



94.1140, 33.9608, -19.3940



99.1750, 21.6057, 23.5255



96.8550, 6.9735, 50.1162

# Triad

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



99.1750, 21.6057, 23.5255



92.8980, -35.4457, 29.0305



79.7830, 18.8410, -69.9697

# Complementary

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



99.1750, 21.6057, 23.5255



120.8250, -21.6057, -23.5255

# 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.



74.9780, 2.9688, -65.7557



99.1750, 21.6057, 23.5255



89.6020, -33.3278, 2.9800

# Square

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



99.1750, 21.6057, 23.5255



94.1790, -24.7382, 48.0780



84.2910, -18.3845, -30.0732



82.1430, 32.9605, -72.0394



# Rectangle

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



99.1750, 21.6057, 23.5255



94.7390, -3.8153, 57.2339



84.2910, -18.3845, -30.0732



78.4150, 13.5994, -68.7700

# Sweetspot

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



99.1750, 21.6057, 23.5255



168.6450, 8.5560, 9.0813



95.0900, 23.6196, -15.8649



83.4120, 5.2199, 5.7777



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.



99.1750, 21.6057, 23.5255



118.3520, 33.3505, 36.5253



102.5480, 12.5478, 35.4764



66.5920, 2.1731, 2.9888



45.2900, 44.2270, 47.9807



2.7060, 2.6099, 2.8888



# Inverse Universe

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



98.6720, -2.3033, 38.8757



117.4620, -3.6788, 60.1078



117.4520, -12.5478, -35.4764



66.3210, -0.1583, 4.1035



44.3550, -4.6120, 79.4957

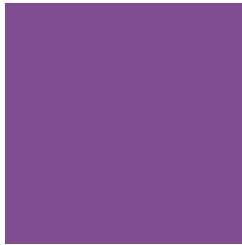


2.6200, -0.3057, 4.7183



# Previews

## White Background



This preview shows how the YUV color 99.1750, 21.6057, 23.5255 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 99.1750, 21.6057, 23.5255 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 99.1750, 21.6057, 23.5255

## Background



This preview shows how black text looks on a background with the YUV color 99.1750, 21.6057, 23.5255.



This preview shows how white text looks on a background with the YUV color 99.1750, 21.6057,



# 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

99.1750, 21.6057, 23.5255

### Protanopia

94.4190, 31.3454, -20.5385

### Deuteranopia

95.8190, 21.2882, -14.7503



## Tritanopia

98.0670, -1.5120, 18.3582

# Trichromacy



**Original Color**

99.1750, 21.6057, 23.5255

**Protanomaly**

96.3070, 27.9496, -4.6542

**Deuteranomaly**

96.9070, 21.2448, -0.7954

**Tritanomaly**

98.5540, 6.6289, 20.5621

# Monochromacy



**Original Color**

99.1750, 21.6057, 23.5255

**Achromatopsia**

99.0000, 0.0000, 0.0000

**Achromatomaly**

99.1180, 7.8298, 8.6665

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 99.1750, 21.6057, 23.5255 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(126, 77, 143)` looks like.

```
.text, #text, p{  
    color:rgb(126, 77, 143)  
}
```

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(126, 77, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 77, 143) }
```

## Border

The CSS property to change the border of an element to YUV 99.1750, 21.6057, 23.5255 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(126, 77, 143) }
```



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

```
.border{ border-color:rgb(126, 77, 143) }
```

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

Here you see how a box with a 4 pixel rgb(126, 77, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 77, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 77, 143);  
box-shadow:4px 4px 4px 4px rgb(126, 77,  
143) }
```

# Background

The CSS property to change the background color of an element to YUV 99.1750, 21.6057, 23.5255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 77, 143) }
```

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

```
.background{ background-color: rgb(126, 77,  
143) }
```

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