

# Converting Colors

YUV(125.2160, 9.2605, 16.4736)

Have a look what the booklet for  
YUV(125.2160, 9.2605, 16.4736)  
contains.

<b>YUV(125.2160, 9.2605, 16.4736)</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(125.2160, 9.2605,  
16.4736)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	907090
RGB	144, 112, 144
RGB Percent	56%, 44%, 56%
CMY	0.4353, 0.5608, 0.4353
CMYK	0.00, 0.22, 0.00, 0.44
HSL	300°, 13%, 50%
HSV	300°, 22%, 56%
XYZ	22.3298, 19.5312, 28.9786
YIQ	125.2160, 8.8000, 16.7360

# Conversions

## Conversions Part 2

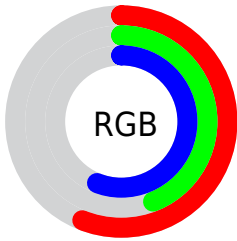
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 112, 144
Decimal	9466000
CIELab	51.30, 18.42, -12.61
CIELCh	51, 22.324, 325.613
Yxy	19.5312, 0.3152, 0.2757
Android (android.graphics.Color)	4287656080 (0xFF907090)
YUV	125.2160, 9.2605, 16.4736
Hunter-Lab	44.1942, 12.8502, -7.9411

# Details

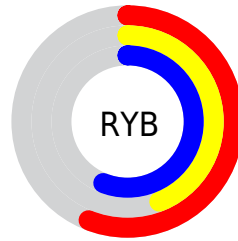
The YUV color **125.2160, 9.2605, 16.4736** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **130.7840, -9.2605, -16.4736**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.0420, 9.8393, 17.5032**, and **76.0910, 8.8291, 14.8292** is the 20% darker color. If you saturate the color by 10%, you get **116.9980, 13.3120, 23.6808**, and if you desaturate by 10%, it is **133.4340, 5.2090, 9.2664**.

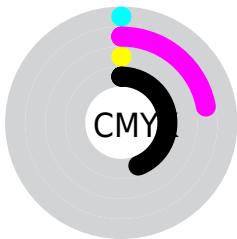
# Distribution



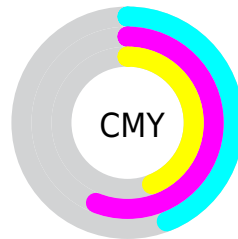
- Red (56%)
- Green (44%)
- Blue (56%)



- Red (56%)
- Yellow (44%)
- Blue (56%)



- Cyan (0%)
- Magenta (22%)
- Yellow (0%)
- Black (44%)



- Cyan (44%)
- Magenta (56%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 125.2160, 9.2605, 16.4736 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 125.2160, 9.2605, 16.4736 by changing the saturation by 10% instead.



125.2160, 9.2605,  
16.4736

125.2160, 9.2605,  
16.4736

255.0000, 0.0000,  
0.0000

99.8030, 8.9711,  
15.9588

178.0420, 9.8393,  
17.5032

76.0910, 8.8291,  
14.8292

205.4550, 10.1287,  
18.0180

52.6780, 8.5397,  
14.3144

233.8680, 10.4181,  
18.5328

30.9660, 8.3978,  
13.1848

250.8910, 2.0257,  
3.6036

11.4500, 7.6662,  
14.5144

0.0000, 0.0000,  
0.0000

125.2160, 9.2605,  
16.4736

125.2160, 9.2605,  
16.4736

116.9980, 13.3120,  
23.6808

133.4340, 5.2090,  
9.2664

108.1930, 17.6529,  
31.4027

142.2390, 0.8682,  
1.5444

99.9750, 21.7043,  
38.6099

150.4570, -3.1833,  
-5.6628

91.1700, 26.0452,  
46.3319

159.2620, -7.5242,  
-13.3848

82.9520, 30.0967,  
53.5391

167.4800,  
-11.5756, -20.5920

74.7340, 34.1481,  
60.7463

175.6980,  
-15.6271, -27.7991

65.9290, 38.4890,  
68.4683


184.5030,  
-19.9680, -35.5211

59.4720, 41.6723,

192.7210,

74.1311

-24.0195, -42.7283

 201.5260,  
-28.3603, -50.4503

# Harmonies

## Analogous

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



123.2290, 16.1561, -1.9548



125.2160, 9.2605, 16.4736



125.0020, 0.4920, 28.9392

# Triad

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



125.2160, 9.2605, 16.4736



121.2780, -18.3781, 14.6652



112.0530, 12.7919, -43.0195

# Complementary

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



125.2160, 9.2605, 16.4736



130.7840, -9.2605, -16.4736

# 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.



114.3610, 2.2870, -33.6426



125.2160, 9.2605, 16.4736



119.4610, -16.0033, -0.4043

# Square

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



125.2160, 9.2605, 16.4736



123.0390, -15.7952, 26.2758



116.7130, -8.2395, -17.2883



114.6820, 18.8908, -39.1861



# Rectangle

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



125.2160, 9.2605, 16.4736



124.4170, -5.6286, 32.0833



116.7130, -8.2395, -17.2883



112.8530, 9.4395, -41.0901

# Sweetspot

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



125.2160, 9.2605, 16.4736



178.3690, 3.7621, 6.6924



115.6480, 13.9775, -3.1993



89.8910, 2.0257, 3.6036



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.



125.2160, 9.2605, 16.4736



156.6500, 14.4695, 25.7399



123.3920, 2.2717, 18.0732



66.8910, 2.0257, 3.6036



55.7550, 39.0678, 69.4979



3.3040, 2.3151, 4.1184



# Inverse Universe

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



125.2160, 9.2605, 16.4736



156.6500, 14.4695, 25.7399



132.6080, -2.2717, -18.0732



66.8910, 2.0257, 3.6036



55.7550, 39.0678, 69.4979



3.3040, 2.3151, 4.1184



# Previews

## White Background



This preview shows how the YUV color 125.2160, 9.2605, 16.4736 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

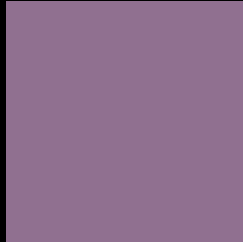
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 125.2160, 9.2605, 16.4736 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 125.2160, 9.2605, 16.4736

## Background



This preview shows how black text looks on a background with the YUV color 125.2160, 9.2605, 16.4736.



This preview shows how white text looks on a background with the YUV color 125.2160, 9.2605,



# 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

125.2160, 9.2605, 16.4736

### Protanopia

122.8110, 13.4042, -5.9732

### Deuteranopia

123.5300, 9.5987, 1.2892



## Tritanopia

124.5010, 0.2460, 14.4696

# Trichromacy



## Original Color

125.2160, 9.2605, 16.4736

## Protanomaly

123.8120, 11.9247, 1.9189

## Deuteranomaly

123.8620, 9.4350, 7.1370

## Tritanomaly

125.0110, 3.4456, 14.8994

# Monochromacy



## Original Color

125.2160, 9.2605, 16.4736

## Achromatopsia

125.0000, 0.0000, 0.0000

## Achromatomaly

124.9560, 3.4727, 6.1776

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 125.2160, 9.2605, 16.4736 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(144, 112, 144)` looks like.

```
.text, #text, p{  
    color:rgb(144, 112, 144)  
}
```

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(144, 112, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 112, 144) }
```

## Border

The CSS property to change the border of an element to YUV 125.2160, 9.2605, 16.4736 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(144, 112, 144) }
```



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

```
.border{ border-color:rgb(144, 112, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 112, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 112, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 112, 144);  
box-shadow:4px 4px 4px 4px rgb(144, 112,  
144) }
```

# Background

The CSS property to change the background color of an element to YUV 125.2160, 9.2605, 16.4736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 112, 144) }
```

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

```
.background{ background-color: rgb(144,  
112, 144) }
```

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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