

# Converting Colors

YUV(127.6260, 4.1284, 29.2690)

Have a look what the booklet for  
YUV(127.6260, 4.1284, 29.2690)  
contains.

<b>YUV(127.6260, 4.1284, 29.2690)</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(127.6260, 4.1284,  
29.2690)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A16D88
RGB	161, 109, 136
RGB Percent	63%, 43%, 53%
CMY	0.3686, 0.5725, 0.4667
CMYK	0.00, 0.32, 0.16, 0.37
HSL	329°, 22%, 53%
HSV	329°, 32%, 63%
XYZ	24.6105, 20.2919, 25.9122
YIQ	127.6260, 22.3250, 19.4210

# Conversions

## Conversions Part 2

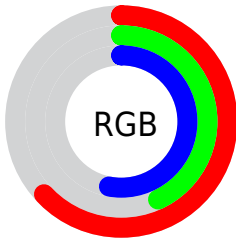
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 109, 136
Decimal	10579336
CIE Lab	52.17, 24.87, -6.41
CIE LCh	52, 25.683, 345.540
Yxy	20.2919, 0.3475, 0.2865
Android (android.graphics.Color)	4288769416 (0xFFA16D88)
YUV	127.6260, 4.1284, 29.2690
Hunter-Lab	45.0466, 18.6894, -2.5729

# Details

The YUV color **127.6260, 4.1284, 29.2690** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **142.3740, -4.1284, -29.2690**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.9360, 3.9756, 31.6281**, and **77.3160, 4.2812, 26.9099** is the 20% darker color. If you saturate the color by 10%, you get **117.3220, 5.2643, 38.3056**, and if you desaturate by 10%, it is **137.9300, 2.9925, 20.2324**.

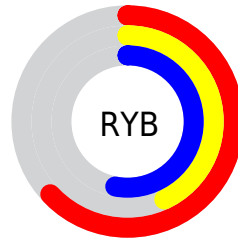
# Distribution



Red (63%)

Green (43%)

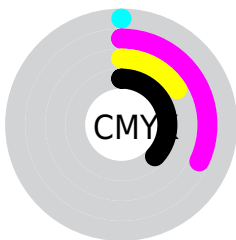
Blue (53%)



Red (63%)

Yellow (43%)

Blue (53%)

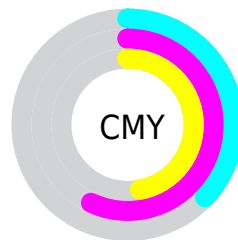


Cyan (0%)

Magenta (32%)

Yellow (16%)

Black (37%)



Cyan (37%)

Magenta (57%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 127.6260, 4.1284, 29.2690 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 127.6260, 4.1284, 29.2690 by changing the saturation by 10% instead.





 127.6260, 4.1284,  
29.2690

 127.6260, 4.1284,  
29.2690


255.0000, 0.0000,  
0.0000


 102.0280, 4.4232,  
28.0394

 180.9360, 3.9756,  
31.6281


 77.3160, 4.2812,  
26.9099

 208.3490, 4.2649,  
32.1429

 53.7180, 4.5760,  
25.6803

 231.0810, 7.3551,  
20.9770

 31.1200, 4.8708,  
24.4508

 249.1300, 2.8939,  
5.1480

 14.0550, 3.4239,  
21.8768

 0.0000, 0.0000,  
0.0000

127.6260, 4.1284,  
29.2690

127.6260, 4.1284,  
29.2690

117.3220, 5.2643,  
38.3056

137.9300, 2.9925,  
20.2324

107.1320, 6.8369,  
47.2422

148.1200, 1.4198,  
11.2958

96.8280, 7.9728,  
56.2788

158.4240, 0.2840,  
2.2592

86.5240, 9.1087,  
65.3155

168.7280, -0.8519,  
-6.7775

76.2200, 10.2445,  
74.3521

179.6190, -2.2772,  
-16.3289

65.4430, 12.1066,  
83.8035


189.8090, -3.8498,  
-25.2655

57.7150, 12.9585,  
90.5809

200.1130, -4.9857,  
-34.3021

210.4170, -6.1216,

-43.3387

 220.7210, -7.2575,  
-52.3753

# Harmonies

## Analogous

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



127.6330, 13.4919, 12.5999



127.6260, 4.1284, 29.2690



126.6240, -6.2236, 36.2868

# Triad

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



127.6260, 4.1284, 29.2690



122.1690, -19.8033, 5.1138



112.1750, 21.1127, -51.8965

# Complementary

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



127.6260, 4.1284, 29.2690



142.3740, -4.1284, -29.2690

# 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.



111.3680, 11.6506, -50.3117



127.6260, 4.1284, 29.2690



118.8830, -12.7603, -13.9294

# Square

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



127.6260, 4.1284, 29.2690



123.7520, -20.5837, 22.1425



115.7370, -1.3493, -33.9723



118.6700, 23.8267, -35.6676



# Rectangle

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



127.6260, 4.1284, 29.2690



125.6040, -12.6228, 35.4273



115.7370, -1.3493, -33.9723



110.8820, 18.7922, -54.2705

# Sweetspot

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



127.6260, 4.1284, 29.2690



195.5330, 1.7092, 11.8106



122.1040, 19.1757, 9.5558



96.6850, 1.1413, 7.2923



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



127.6260, 4.1284, 29.2690



157.0070, 6.4055, 45.5979



124.7760, -6.7916, 31.7684



76.2610, 0.8573, 5.0331



51.9050, 11.3858, 81.6443



6.4080, 1.2779, 10.1662



# Inverse Universe

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



127.6260, 4.1284, 29.2690



157.0070, 6.4055, 45.5979



145.2240, 6.7916, -31.7684



76.2610, 0.8573, 5.0331



51.9050, 11.3858, 81.6443

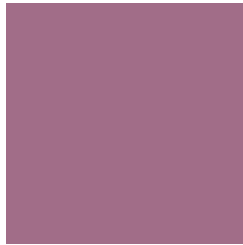


6.4080, 1.2779, 10.1662



# Previews

## White Background



This preview shows how the YUV color 127.6260, 4.1284, 29.2690 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

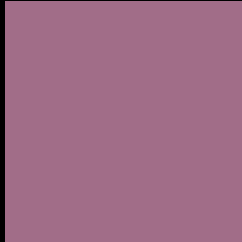
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 127.6260, 4.1284, 29.2690 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

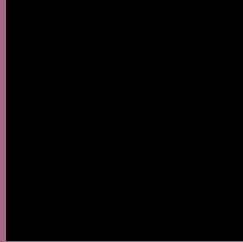
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 127.6260, 4.1284, 29.2690

## Background



This preview shows how black text looks on a background with the YUV color 127.6260, 4.1284, 29.2690.



This preview shows how white text looks on a background with the YUV color 127.6260, 4.1284,



# 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

127.6260, 4.1284, 29.2690

### Protanopia

125.4970, 9.6150, -3.9439

### Deuteranopia

126.0700, 3.9095, 6.0776



## Tritanopia

126.9650, -3.4337, 28.0947

# Trichromacy



## Original Color

127.6260, 4.1284, 29.2690

## Protanomaly

126.7050, 7.5404, 8.1517

## Deuteranomaly

126.8260, 4.0298, 14.1846

## Tritanomaly

127.3610, -0.6710, 28.6244

# Monochromacy



## Original Color

127.6260, 4.1284, 29.2690

## Achromatopsia

128.0000, 0.0000, 0.0000

## Achromatomaly

127.8210, 1.5672, 10.6810

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 127.6260, 4.1284, 29.2690 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(161, 109, 136)` looks like.

```
.text, #text, p{  
    color:rgb(161, 109, 136)  
}
```

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(161, 109, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 109, 136) }
```

## Border

The CSS property to change the border of an element to YUV 127.6260, 4.1284, 29.2690 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(161, 109, 136) }
```



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

```
.border{ border-color:rgb(161, 109, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 109, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 109, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 109, 136);  
box-shadow:4px 4px 4px 4px rgb(161, 109,  
136) }
```

# Background

The CSS property to change the background color of an element to YUV 127.6260, 4.1284, 29.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 109, 136) }
```

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

```
.background{ background-color: rgb(161,  
109, 136) }
```

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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