

# Converting Colors

YUV(127.8620, -3.8760,  
29.9390)

Have a look what the booklet for  
YUV(127.8620, -3.8760, 29.9390)  
contains.

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# Color

**YUV(127.8620, -3.8760,  
29.9390)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A27078
RGB	162, 112, 120
RGB Percent	64%, 44%, 47%
CMY	0.3647, 0.5608, 0.5294
CMYK	0.00, 0.31, 0.26, 0.36
HSL	350°, 21%, 54%
HSV	350°, 31%, 64%
XYZ	24.0846, 20.6258, 20.4811
YIQ	127.8620, 27.2320, 13.0880

# Conversions

## Conversions Part 2

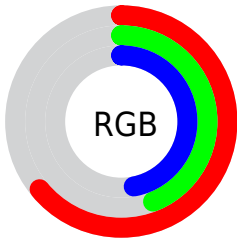
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 112, 120
Decimal	10645624
CIE Lab	52.54, 20.98, 3.57
CIE LCh	53, 21.283, 9.668
Yxy	20.6258, 0.3694, 0.3164
Android (android.graphics.Color)	4288835704 (0xFFA27078)
YUV	127.8620, -3.8760, 29.9390
Hunter-Lab	45.4156, 15.1840, 5.0529

# Details

The YUV color **127.8620, -3.8760, 29.9390** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **146.1380, 3.8760, -29.9390**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.0580, -4.4656, 32.3981**, and **77.7800, -2.8495, 27.3799** is the 20% darker color. If you saturate the color by 10%, you get **116.8740, -5.3609, 39.5755**, and if you desaturate by 10%, it is **138.8500, -2.3910, 20.3026**.

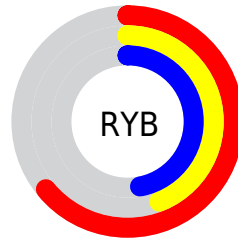
# Distribution



Red (64%)

Green (44%)

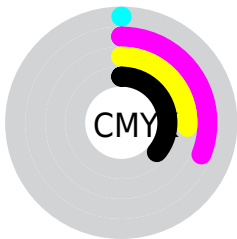
Blue (47%)



Red (64%)

Yellow (44%)

Blue (47%)

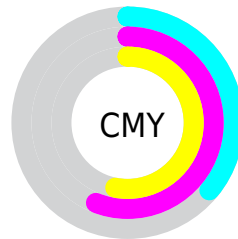


Cyan (0%)

Magenta (31%)

Yellow (26%)

Black (36%)



Cyan (36%)

Magenta (56%)


Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 127.8620, -3.8760, 29.9390 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 127.8620, -3.8760, 29.9390 by changing the saturation by 10% instead.





 127.8620, -3.8760,  
29.9390

 127.8620, -3.8760,  
29.9390


255.0000, 0.0000,  
0.0000

 102.2640, -3.5812,  
28.7095


 181.0580, -4.4656,  
32.3981


 77.7800, -2.8495,  
27.3799

 208.6560, -4.7604,  
33.6277

 54.7690, -2.8441,  
25.6356

 230.7900, -1.3755,  
21.2322

 31.9860, -1.9651,  
23.6913

 250.8910, 2.0257,  
3.6036

 11.7750, -5.3121,  
23.8763

 0.0000, 0.0000,  
0.0000

127.8620, -3.8760,  
29.9390

127.8620, -3.8760,  
29.9390

116.8740, -5.3609,  
39.5755

138.8500, -2.3910,  
20.3026

106.0000, -6.4090,  
49.1120

149.7240, -1.3429,  
10.7661

94.4250, -7.6045,  
59.2633

161.2990, -0.1474,  
0.6148

83.5510, -8.6526,  
68.7998

172.1730, 0.9007,  
-8.9217

72.5630, -10.1376,  
78.4362

183.1610, 2.3856,  
-18.5582

61.5750, -11.6225,  
88.0727


194.1490, 3.8705,  
-28.1947

51.4020, -12.5232,  
96.9944

205.0230, 4.9187,  
-37.7312

216.5980, 6.1142,

-47.8824

 225.7110, 8.0305,  
-55.8745

# Harmonies

## Analogous

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



128.6960, 4.5869, 22.1916



127.8620, -3.8760, 29.9390



127.0870, -11.8749, 28.8647

# Triad

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



127.8620, -3.8760, 29.9390



121.4430, -12.0504, -8.2815



120.7370, 18.8637, -30.4643

# Complementary

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



127.8620, -3.8760, 29.9390



146.1380, 3.8760, -29.9390

# 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.



116.7590, 15.4018, -40.1306



127.8620, -3.8760, 29.9390



119.2220, -3.5604, -24.7507

# Square

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



127.8620, -3.8760, 29.9390



123.8750, -17.1934, 8.0026



117.1910, 6.8078, -37.0015



124.9180, 17.7884, -12.2061



# Rectangle

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



127.8620, -3.8760, 29.9390



126.0280, -15.7898, 24.5314



117.1910, 6.8078, -37.0015



118.8890, 18.2957, -34.9827

# Sweetspot

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



127.8620, -3.8760, 29.9390



199.0230, -1.4903, 11.3808



130.2580, 15.6488, 20.8217



98.8160, -0.8953, 7.1774



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000



# Same Dimension

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



127.8620, -3.8760, 29.9390



158.1030, -5.9668, 47.2677



136.9290, -12.2900, 21.9873



75.9190, -0.4531, 5.3330



45.9770, -11.3277, 86.8432



5.7240, -1.3429, 10.7661



# Inverse Universe

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



127.8620, -3.8760, 29.9390



158.1030, -5.9668, 47.2677



137.0710, 12.2900, -21.9873



75.9190, -0.4531, 5.3330



45.9770, -11.3277, 86.8432



5.7240, -1.3429, 10.7661



# Previews

## White Background



This preview shows how the YUV color 127.8620, -3.8760, 29.9390 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 127.8620, -3.8760, 29.9390 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

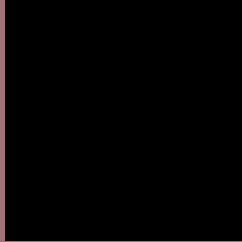
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 127.8620, -3.8760, 29.9390

## Background



This preview shows how black text looks on a background with the YUV color 127.8620, -3.8760, 29.9390.



This preview shows how white text looks on a background with the YUV color 127.8620, -3.8760,



# 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

127.8620, -3.8760, 29.9390

### Protanopia

125.8260, 0.5788, 1.0296

### Deuteranopia

126.6380, -4.2585, 12.5955



## Tritanopia

127.8620, -3.8760, 29.9390

# Trichromacy



## Original Color

127.8620, -3.8760, 29.9390

## Protanomaly

126.4360, -1.2009, 11.8956

## Deuteranomaly

127.3830, -4.1328, 18.9581

## Tritanomaly

127.8620, -3.8760, 29.9390

# Monochromacy



## Original Color

127.8620, -3.8760, 29.9390

## Achromatopsia

128.0000, 0.0000, 0.0000

## Achromatomaly

127.7240, -1.3429, 10.7661

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 127.8620, -3.8760, 29.9390 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(162, 112, 120)` looks like.

```
.text, #text, p{  
    color:rgb(162, 112, 120)  
}
```

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(162, 112, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 112, 120) }
```

## Border

The CSS property to change the border of an element to YUV 127.8620, -3.8760, 29.9390 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(162, 112, 120) }
```



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

```
.border{ border-color:rgb(162, 112, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 112, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 112, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 112, 120);  
box-shadow:4px 4px 4px 4px rgb(162, 112,  
120) }
```

# Background

The CSS property to change the background color of an element to YUV 127.8620, -3.8760, 29.9390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 112, 120) }
```

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

```
.background{ background-color: rgb(162,  
112, 120) }
```

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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