

# Converting Colors

YUV(133.2570, 0.3663, 22.5766)

Have a look what the booklet for  
YUV(133.2570, 0.3663, 22.5766)  
contains.

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# Color

**YUV(133.2570, 0.3663,  
22.5766)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F7886
RGB	159, 120, 134
RGB Percent	62%, 47%, 53%
CMY	0.3765, 0.5294, 0.4745
CMYK	0.00, 0.25, 0.16, 0.38
HSL	338°, 17%, 55%
HSV	338°, 25%, 62%
XYZ	25.3176, 22.5251, 25.5677
YIQ	133.2570, 18.7500, 12.6220

# Conversions

## Conversions Part 2

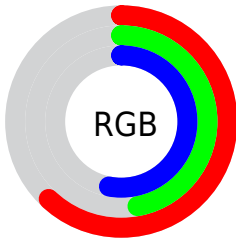
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 120, 134
Decimal	10451078
CIE <sub>Lab</sub>	54.58, 17.49, -1.70
CIE <sub>LCh</sub>	55, 17.569, 354.451
Yxy	22.5251, 0.3449, 0.3068
Android (android.graphics.Color)	4288641158 (0xFF9F7886)
YUV	133.2570, 0.3663, 22.5766
Hunter-Lab	47.4606, 12.1638, 1.2821

# Details

The YUV color **133.2570, 0.3663, 22.5766** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **145.7430, -0.3663, -22.5766**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.8550, 0.0715, 23.8062**, and **83.2460, 0.3717, 20.8323** is the 20% darker color. If you saturate the color by 10%, you get **122.7250, 0.6286, 31.8132**, and if you desaturate by 10%, it is **143.7890, 0.1040, 13.3400**.

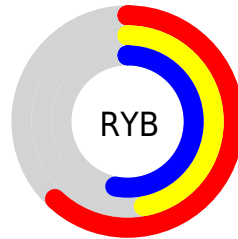
# Distribution



Red (62%)

Green (47%)

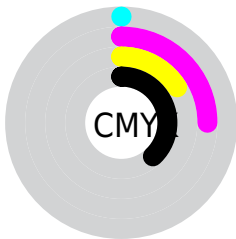
Blue (53%)



Red (62%)

Yellow (47%)

Blue (53%)

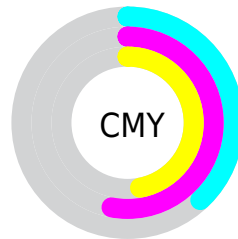


Cyan (0%)

Magenta (25%)

Yellow (16%)

Black (38%)



Cyan (38%)

Magenta (53%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 133.2570, 0.3663, 22.5766 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 133.2570, 0.3663, 22.5766 by changing the saturation by 10% instead.




 133.2570, 0.3663,  
22.5766


 133.2570, 0.3663,  
22.5766


255.0000, 0.0000,  
0.0000

 107.9580, 0.5137,  
21.9618


 186.8550, 0.0715,  
23.8062

 83.2460, 0.3717,  
20.8323


 214.5670, 0.2135,  
24.9357

 59.6480, 0.6665,  
19.6027

 237.7830, 2.5720,  
15.0993

 37.7510, 1.1088,  
17.7584

 14.9900, 1.9769,  
19.3028

 0.0000, 0.0000,  
0.0000

133.2570, 0.3663,  
22.5766

133.2570, 0.3663,  
22.5766

122.7250, 0.6286,  
31.8132

143.7890, 0.1040,  
13.3400

112.1930, 0.8909,  
41.0497

154.3210, -0.1583,  
4.1035

101.5470, 0.7163,  
50.3863

164.9670, 0.0163,  
-5.2331

91.0150, 0.9786,  
59.6228

175.4990, -0.2460,  
-14.4696

80.4830, 1.2409,  
68.8594

186.0310, -0.5083,  
-23.7062

70.5380, 1.2138,  
77.5812

195.9760, -0.4812,  
-32.4280

60.0060, 1.4760,  
86.8177

206.5080, -0.7434,  
-41.6645

54.0390, 1.4598,

217.1540, -0.5689,

92.0508

-51.0011

 222.9900, 1.4839,  
-56.1192

# Harmonies

## Analogous

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



133.3250, 7.2348, 12.8700



133.2570, 0.3663, 22.5766



132.4440, -6.6279, 25.9206

# Triad

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



133.2570, 0.3663, 22.5766



128.3840, -12.5143, 0.5402



125.8960, 14.3483, -28.8498

# Complementary

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



133.2570, 0.3663, 22.5766



145.7430, -0.3663, -22.5766

# 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.



124.2070, 9.2649, -31.7535



133.2570, 0.3663, 22.5766



126.4900, -6.6506, -13.5847

# Square

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



133.2570, 0.3663, 22.5766



130.5920, -14.5889, 12.6358



124.7750, 1.0969, -25.2357



128.9020, 15.3313, -17.4541



# Rectangle

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



133.2570, 0.3663, 22.5766



131.6950, -10.6956, 23.9465



124.7750, 1.0969, -25.2357



125.1300, 12.7539, -30.8090

# Sweetspot

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



133.2570, 0.3663, 22.5766



197.0550, -0.0271, 8.7218



131.9210, 13.3499, 11.4703



99.0330, -0.0163, 5.2331



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.



133.2570, 0.3663, 22.5766



167.3340, 0.3283, 34.7871



134.5960, -7.1958, 21.4023



73.7340, 0.1311, 4.6183



48.5710, 1.1975, 82.8142



5.0550, -0.0271, 8.7218



# Inverse Universe

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



133.2570, 0.3663, 22.5766



167.3340, 0.3283, 34.7871



144.4040, 7.1958, -21.4023



73.7340, 0.1311, 4.6183



48.5710, 1.1975, 82.8142

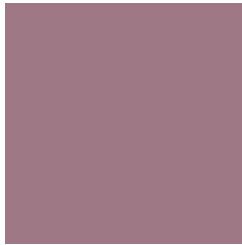


5.0550, -0.0271, 8.7218



# Previews

## White Background



This preview shows how the YUV color 133.2570, 0.3663, 22.5766 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 133.2570, 0.3663, 22.5766 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

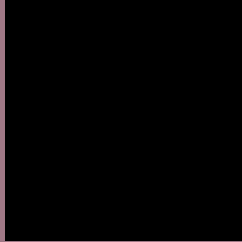
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 133.2570, 0.3663, 22.5766

## Background



This preview shows how black text looks on a background with the YUV color 133.2570, 0.3663, 22.5766.



This preview shows how white text looks on a background with the YUV color 133.2570, 0.3663,



# 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

133.2570, 0.3663, 22.5766

### Protanopia

131.1400, 4.3680, -0.9998

### Deuteranopia

132.4680, 0.2623, 9.2366



## Tritanopia

133.3880, -1.6703, 22.4617

# Trichromacy



## Original Color

133.2570, 0.3663, 22.5766

## Protanomaly

131.8530, 3.0305, 8.0219

## Deuteranomaly

132.5010, 0.2460, 14.4696

## Tritanomaly

133.5020, -1.2335, 22.3617

# Monochromacy



## Original Color

133.2570, 0.3663, 22.5766

## Achromatopsia

133.0000, 0.0000, 0.0000

## Achromatomaly

132.7560, 0.1203, 8.1070

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 133.2570, 0.3663, 22.5766 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(159, 120, 134)` looks like.

```
.text, #text, p{  
    color:rgb(159, 120, 134)  
}
```

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(159, 120, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 120, 134) }
```

## Border

The CSS property to change the border of an element to YUV 133.2570, 0.3663, 22.5766 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(159, 120, 134) }
```



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

```
.border{ border-color:rgb(159, 120, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 120, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 120, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 120, 134);  
box-shadow:4px 4px 4px 4px rgb(159, 120,  
134) }
```

# Background

The CSS property to change the background color of an element to YUV 133.2570, 0.3663, 22.5766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 120, 134) }
```

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

```
.background{ background-color: rgb(159,  
120, 134) }
```

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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