

# Converting Colors

YUV(110.2060, 7.7864, 22.6213)

Have a look what the booklet for  
YUV(110.2060, 7.7864, 22.6213)  
contains.

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# Color

**YUV(110.2060, 7.7864,  
22.6213)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	885E7E
RGB	136, 94, 126
RGB Percent	53%, 37%, 49%
CMY	0.4667, 0.6314, 0.5059
CMYK	0.00, 0.31, 0.07, 0.47
HSL	314°, 18%, 45%
HSV	314°, 31%, 53%
XYZ	17.9219, 14.7460, 21.6403
YIQ	110.2060, 14.7600, 18.8560

# Conversions

## Conversions Part 2

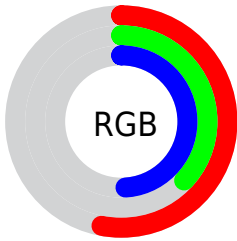
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 94, 126
Decimal	8937086
CIE <sub>Lab</sub>	45.28, 22.56, -11.05
CIE <sub>LCh</sub>	45, 25.122, 333.896
Yxy	14.7460, 0.3300, 0.2715
Android (android.graphics.Color)	4287127166 (0xFF885E7E)
YUV	110.2060, 7.7864, 22.6213
Hunter-Lab	38.4005, 16.1070, -6.5321

# Details

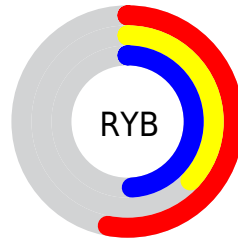
The YUV color **110.2060, 7.7864, 22.6213** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **119.7940, -7.7864, -22.6213**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.3310, 8.2178, 24.2657**, and **61.7820, 7.5025, 20.3622** is the 20% darker color. If you saturate the color by 10%, you get **101.6460, 10.5275, 30.1285**, and if you desaturate by 10%, it is **118.7660, 5.0454, 15.1142**.

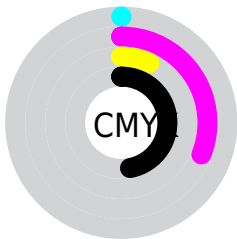
# Distribution



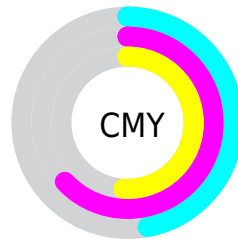
- Red (53%)
- Green (37%)
- Blue (49%)



- Red (53%)
- Yellow (37%)
- Blue (49%)



- Cyan (0%)
- Magenta (31%)
- Yellow (7%)
- Black (47%)




- Cyan (47%)
- Magenta (63%)
- Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 110.2060, 7.7864, 22.6213 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 110.2060, 7.7864, 22.6213 by changing the saturation by 10% instead.





 110.2060, 7.7864,  
22.6213


 110.2060, 7.7864,  
22.6213

255.0000, 0.0000,  
0.0000

 85.4940, 7.6445,  
21.4918

 162.3310, 8.2178,  
24.2657

 61.7820, 7.5025,  
20.3622


 189.6300, 8.0704,  
24.8805


 39.0700, 7.3605,  
19.2326

 217.3420, 8.2124,  
26.0101

 16.5970, 8.0867,  
19.6474

 238.5640, 8.1029,  
14.4144

 1.3960, 2.7628,  
0.5297

 0.0000, 0.0000,  
0.0000

■ 110.2060, 7.7864,  
22.6213

■ 110.2060, 7.7864,  
22.6213

■ 101.6460, 10.5275,  
30.1285

■ 118.7660, 5.0454,  
15.1142

■ 93.6730, 12.9792,  
37.1208

■ 126.7390, 2.5937,  
8.1219

■ 84.9990, 15.2835,  
44.7279

■ 135.4130, 0.2894,  
0.5148

■ 77.0260, 17.7352,  
51.7202

■ 143.3860, -2.1623,  
-6.4775

■ 68.4660, 20.4763,  
59.2273

■ 151.9460, -4.9034,  
-13.9846

■ 59.9060, 23.2173,  
66.7344


■ 160.5060, -7.6445,  
-21.4918

■ 52.5200, 25.3796,  
73.2120

■ 168.5930, -9.6593,  
-28.5841

■ 177.1530,

-12.4004, -36.0912

 185.1260,  
-14.8521, -43.0835

# Harmonies

## Analogous

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



109.2620, 16.1398, 3.2782



110.2060, 7.7864, 22.6213



109.3400, -2.1396, 33.0278

# Triad

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



110.2060, 7.7864, 22.6213



105.8000, -20.1144, 11.5764



92.4580, 18.5082, -56.5297

# Complementary

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



110.2060, 7.7864, 22.6213



119.7940, -7.7864, -22.6213

# 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.



95.7340, 6.5401, -44.4937



110.2060, 7.7864, 22.6213



103.2430, -15.4028, -6.3521

# Square

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



110.2060, 7.7864, 22.6213



107.3440, -18.4106, 25.1313



99.9400, -5.8864, -25.3804



97.6860, 22.8328, -43.5746



# Rectangle

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



110.2060, 7.7864, 22.6213



108.6300, -8.6916, 34.5275



99.9400, -5.8864, -25.3804



92.5570, 15.0084, -53.9855

# Sweetspot

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



110.2060, 7.7864, 22.6213



166.1520, 2.8831, 8.6367



101.7780, 16.8714, 1.9487



82.9020, 2.0203, 5.3479



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000



# Same Dimension

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



110.2060, 7.7864, 22.6213



136.0210, 11.8216, 35.0616



107.8120, -1.3863, 24.7209



64.6630, 1.1521, 3.8035



51.2810, 24.5115, 71.6676



1.9510, 1.0102, 2.6740



# Inverse Universe

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



110.2060, 7.7864, 22.6213



136.0210, 11.8216, 35.0616



122.1880, 1.3863, -24.7209



64.6630, 1.1521, 3.8035



51.2810, 24.5115, 71.6676

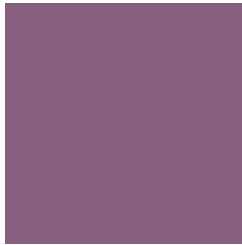


1.9510, 1.0102, 2.6740



# Previews

## White Background



This preview shows how the YUV color 110.2060, 7.7864, 22.6213 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

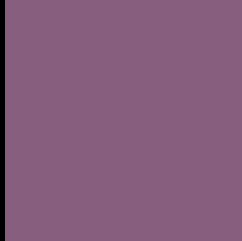
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 110.2060, 7.7864, 22.6213 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

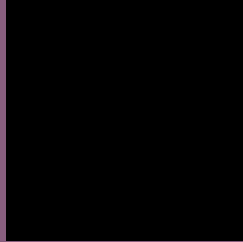
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 110.2060, 7.7864, 22.6213

## Background



This preview shows how black text looks on a background with the YUV color 110.2060, 7.7864, 22.6213.



This preview shows how white text looks on a background with the YUV color 110.2060, 7.7864,



# 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

110.2060, 7.7864, 22.6213

### Protanopia

107.6970, 12.9674, -5.8733

### Deuteranopia

108.6610, 7.5621, 1.1743



## Tritanopia

109.2630, -2.1017, 20.8173

# Trichromacy



## Original Color

110.2060, 7.7864, 22.6213

## Protanomaly

108.8940, 10.8983, 4.4780

## Deuteranomaly

109.1180, 7.8298, 8.6665

## Tritanomaly

109.8870, 1.5347, 21.1471

# Monochromacy



## Original Color

110.2060, 7.7864, 22.6213

## Achromatopsia

110.0000, 0.0000, 0.0000

## Achromatomaly

109.8530, 3.0305, 8.0219

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 110.2060, 7.7864, 22.6213 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(136, 94, 126)` looks like.

```
.text, #text, p{  
    color:rgb(136, 94, 126)  
}
```

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(136, 94, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 94, 126) }
```

## Border

The CSS property to change the border of an element to YUV 110.2060, 7.7864, 22.6213 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(136, 94, 126) }
```



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

```
.border{ border-color:rgb(136, 94, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 94, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 94, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 94, 126);  
box-shadow:4px 4px 4px 4px rgb(136, 94,  
126) }
```

# Background

The CSS property to change the background color of an element to YUV 110.2060, 7.7864, 22.6213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 94, 126) }
```

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

```
.background{ background-color: rgb(136, 94,  
126) }
```

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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