

# Converting Colors

YUV(104.9320, -3.4175,  
22.8616)

Have a look what the booklet for  
YUV(104.9320, -3.4175, 22.8616)  
contains.

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# Color

**YUV(104.9320, -3.4175,  
22.8616)**

# Conversions

## Conversions Part 1

Format	Color
Hex	835D62
RGB	131, 93, 98
RGB Percent	51%, 36%, 38%
CMY	0.4863, 0.6353, 0.6157
CMYK	0.00, 0.29, 0.25, 0.49
HSL	352°, 17%, 44%
HSV	352°, 29%, 51%
XYZ	15.4790, 13.5358, 13.3521
YIQ	104.9320, 21.0430, 9.6110

# Conversions

## Conversions Part 2

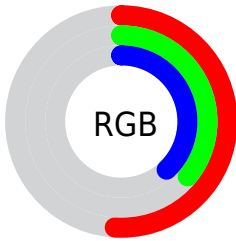
Format	Color
<a href="#">RYB</a>	<a href="#">131, 93, 98</a>
Decimal	<a href="#">8609122</a>
CIELab	<a href="#">43.56, 16.32, 3.33</a>
CIElCh	<a href="#">44, 16.660, 11.515</a>
Yxy	<a href="#">13.5358, 0.3654, 0.3195</a>
Android (android.graphics.Color)	<a href="#">4286799202 (0xFF835D62)</a>
YUV	<a href="#">104.9320, -3.4175, 22.8616</a>
Hunter-Lab	<a href="#">36.7911, 10.7155, 4.2364</a>

# Details

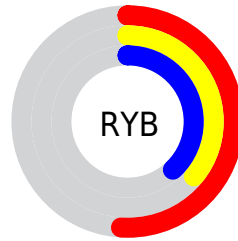
The YUV color **104.9320, -3.4175, 22.8616** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **119.0680, 3.4175, -22.8616**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.8290, -3.8597, 24.7060**, and **57.4370, -2.6804, 19.7878** is the 20% darker color. If you saturate the color by 10%, you get **96.0470, -4.4602, 30.6538**, and if you desaturate by 10%, it is **113.8170, -2.3748, 15.0695**.

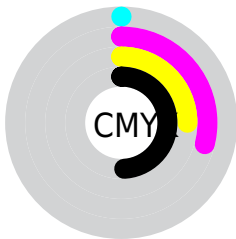
# Distribution



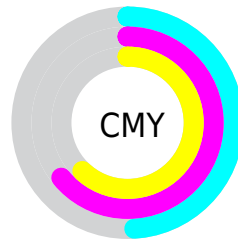
- Red (51%)
- Green (36%)
- Blue (38%)



- Red (51%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (29%)
- Yellow (25%)
- Black (49%)



- Cyan (49%)
- Magenta (64%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 104.9320, -3.4175, 22.8616 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 104.9320, -3.4175, 22.8616 by changing the saturation by 10% instead.



■ 104.9320, -3.4175,  
22.8616

■ 104.9320, -3.4175,  
22.8616

255.0000, 0.0000,  
0.0000

■ 80.3340, -3.1227,  
21.6321

■ 156.8290, -3.8597,  
24.7060

■ 57.4370, -2.6804,  
19.7878

■ 183.4270, -4.1545,  
25.9355

■ 35.2520, -2.0962,  
19.0730

■ 211.4270, -4.1545,  
25.9355

■ 11.4480, -2.6859,  
21.5321

■ 235.2410, -2.0908,  
17.3286

■ 0.0000, 0.0000,  
0.0000

254.4130, 0.2894,  
0.5148

■ 104.9320, -3.4175,  
22.8616

■ 104.9320, -3.4175,  
22.8616

■ 96.0470, -4.4602,  
30.6538

■ 113.8170, -2.3748,  
15.0695

■ 87.0480, -5.9397,  
38.5459

■ 122.8160, -0.8953,  
7.1774

■ 78.1630, -6.9824,  
46.3380

■ 131.7010, 0.1474,  
-0.6148

■ 69.1640, -8.4619,  
54.2302

■ 140.7000, 1.6269,  
-8.5069

■ 59.6920, -9.2152,  
62.5371

■ 149.5850, 2.6696,  
-16.2990

■ 50.8070, -10.2579,  
70.3293

■ 159.0570, 3.4229,  
-24.6060

■ 41.8080, -11.7373,  
78.2214

■ 168.0560, 4.9024,  
-32.4981

■ 41.1070, -11.8848,

■ 176.9410, 5.9451,

78.8362

-40.2903

 185.8260, 6.9878,  
-48.0824

# Harmonies

## Analogous

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



105.3210, 3.2927, 17.2585



104.9320, -3.4175, 22.8616



104.0260, -9.3798, 21.9022

# Triad

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



104.9320, -3.4175, 22.8616



100.2520, -8.9982, -7.2370



99.9400, 14.3266, -21.8724

# Complementary

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



104.9320, -3.4175, 22.8616



119.0680, 3.4175, -22.8616

# 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.



97.5000, 11.5855, -29.3795



104.9320, -3.4175, 22.8616



98.3090, -2.1243, -18.6880

# Square

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



104.9320, -3.4175, 22.8616



102.0040, -12.8200, 5.2585



96.9040, 5.4703, -27.9798



102.8000, 13.4096, -7.7176



# Rectangle

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



104.9320, -3.4175, 22.8616



103.6080, -12.1317, 17.8838



96.9040, 5.4703, -27.9798



98.8040, 13.9006, -25.2611

# Sweetspot

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



104.9320, -3.4175, 22.8616



160.0120, -1.4849, 9.6365



107.1990, 11.7339, 16.4885



80.1040, -1.0373, 6.0478



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000



# Same Dimension

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



104.9320, -3.4175, 22.8616



129.8520, -5.3500, 36.0868



112.5800, -9.6529, 16.1543



61.9080, -0.4476, 3.5887



40.8080, -11.7373, 78.2214



0.8970, -0.4422, 1.8443



# Inverse Universe

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



104.9320, -3.4175, 22.8616



129.8520, -5.3500, 36.0868



111.4200, 9.6529, -16.1543



61.9080, -0.4476, 3.5887



40.8080, -11.7373, 78.2214

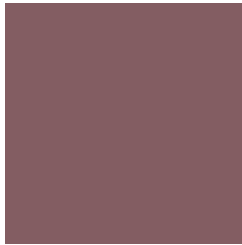


0.8970, -0.4422, 1.8443



# Previews

## White Background



This preview shows how the YUV color 104.9320, -3.4175, 22.8616 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

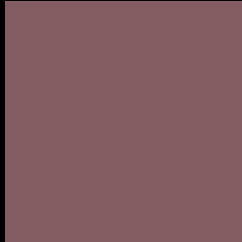
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 104.9320, -3.4175, 22.8616 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

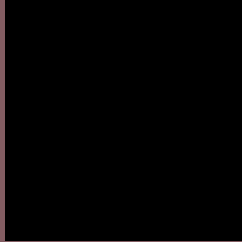
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 104.9320, -3.4175, 22.8616

## Background



This preview shows how black text looks on a background with the YUV color 104.9320, -3.4175, 22.8616.



This preview shows how white text looks on a background with the YUV color 104.9320, -3.4175,



# 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

104.9320, -3.4175, 22.8616

### Protanopia

103.5980, -0.2948, 1.2296

### Deuteranopia

104.4420, -3.6689, 10.1364



## Tritanopia

105.1600, -2.5439, 22.6617

# Trichromacy



## Original Color

104.9320, -3.4175, 22.8616

## Protanomaly

103.7130, -1.3375, 9.0217

## Deuteranomaly

104.1760, -3.5378, 14.7546

## Tritanomaly

105.0460, -2.9807, 22.7617

# Monochromacy



## Original Color

104.9320, -3.4175, 22.8616

## Achromatopsia

105.0000, 0.0000, 0.0000

## Achromatomaly

105.0010, -1.4795, 7.8921

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 104.9320, -3.4175, 22.8616 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(131, 93, 98)` looks like.

```
.text, #text, p{  
    color:rgb(131, 93, 98)  
}
```

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(131, 93, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 93, 98) }
```

## Border

The CSS property to change the border of an element to YUV 104.9320, -3.4175, 22.8616 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(131, 93, 98) }
```



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

```
.border{ border-color:rgb(131, 93, 98) }
```

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

Here you see how a box with a 4 pixel rgb(131, 93, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 93, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 93, 98);  
box-shadow:4px 4px 4px 4px rgb(131, 93,  
98) }
```

# Background

The CSS property to change the background color of an element to YUV 104.9320, -3.4175, 22.8616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 93, 98) }
```

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

```
.background{ background-color: rgb(131, 93,  
98) }
```

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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