

# Converting Colors

YUV(85.0320, 8.3652, 23.6509)

Have a look what the booklet for  
YUV(85.0320, 8.3652, 23.6509)  
contains.

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# Color

**YUV(85.0320, 8.3652,  
23.6509)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	704466
RGB	112, 68, 102
RGB Percent	44%, 27%, 40%
CMY	0.5608, 0.7333, 0.6000
CMYK	0.00, 0.39, 0.09, 0.56
HSL	314°, 24%, 35%
HSV	314°, 39%, 44%
XYZ	11.1475, 8.5383, 13.6309
YIQ	85.0320, 15.3100, 19.9020

# Conversions

## Conversions Part 2

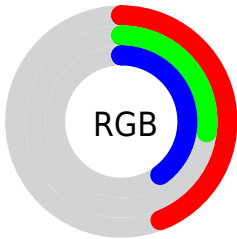
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 68, 102
Decimal	7357542
CIE <sub>Lab</sub>	35.08, 24.58, -11.98
CIE <sub>LCh</sub>	35, 27.340, 334.008
Yxy	8.5383, 0.3346, 0.2563
Android (android.graphics.Color)	4285547622 (0xFF704466)
YUV	85.0320, 8.3652, 23.6509
Hunter-Lab	29.2204, 16.9616, -7.2037

# Details

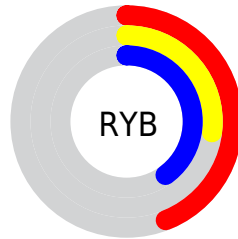
The YUV color **85.0320, 8.3652, 23.6509** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **94.9680, -8.3652, -23.6509**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.4560, 8.6492, 25.9101**, and **38.6080, 8.0813, 21.3918** is the 20% darker color. If you saturate the color by 10%, you get **78.2330, 10.2381, 29.6137**, and if you desaturate by 10%, it is **91.8310, 6.4923, 17.6882**.

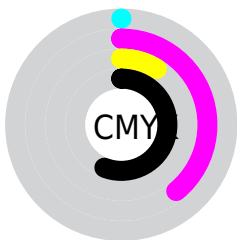
# Distribution



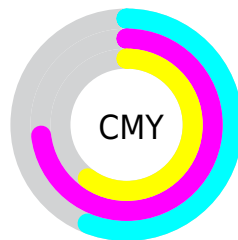
- Red (44%)
- Green (27%)
- Blue (40%)



- Red (44%)
- Yellow (27%)
- Blue (40%)



- Cyan (0%)
- Magenta (39%)
- Yellow (9%)
- Black (56%)



- Cyan (56%)
- Magenta (73%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 85.0320, 8.3652, 23.6509 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 85.0320, 8.3652, 23.6509 by changing the saturation by 10% instead.



85.0320, 8.3652,  
23.6509

85.0320, 8.3652,  
23.6509

255.0000, 0.0000,  
0.0000

61.3200, 8.2232,  
22.5214

135.4560, 8.6492,  
25.9101

38.6080, 8.0813,  
21.3918

161.8690, 8.9386,  
26.4249

15.8360, 8.9549,  
21.1918

189.1680, 8.7912,  
27.0397

2.5210, 3.1941,  
2.1741

216.9940, 9.3700,  
28.0693

0.0000, 0.0000,  
0.0000

237.3900, 8.6817,  
15.4440

254.4130, 0.2894,

0.5148

■ 85.0320, 8.3652,  
23.6509

■ 85.0320, 8.3652,  
23.6509

■ 78.2330, 10.2381,  
29.6137

■ 91.8310, 6.4923,  
17.6882

■ 71.5480, 12.5478,  
35.4764

■ 98.5160, 4.1826,  
11.8255

■ 64.1620, 14.7101,  
41.9539

■ 105.9020, 2.0203,  
5.3479

■ 57.4770, 17.0198,  
47.8167

■ 112.5870, -0.2894,  
-0.5148

■ 50.6780, 18.8927,  
53.7794

■ 119.3860, -2.1623,  
-6.4775

■ 43.9930, 21.2025,  
59.6421

■ 126.0710, -4.4720,  
-12.3403

■ 43.4060, 21.4918,  
60.1569

■ 132.8700, -6.3449,  
-18.3030

■ 140.1420, -8.9440,  
-24.6805

■ 146.9410,  
-10.8169, -30.6433

# Harmonies

## Analogous

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



84.4900, 17.0134, 3.0783



85.0320, 8.3652, 23.6509



84.0520, -1.9976, 34.1574

# Triad

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



85.0320, 8.3652, 23.6509



80.2730, -20.8406, 11.1616



66.6750, 19.3872, -58.4740

# Complementary

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



85.0320, 8.3652, 23.6509



94.9680, -8.3652, -23.6509

# 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.



64.8680, 9.9251, -56.8892



85.0320, 8.3652, 23.6509



77.7160, -16.1290, -6.7669

# Square

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



85.0320, 8.3652, 23.6509



82.2300, -18.8474, 25.2313



73.7440, -5.2968, -27.8395



66.6240, 26.8074, -58.4292



# Rectangle

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



85.0320, 8.3652, 23.6509



83.3420, -8.5496, 35.6571



73.7440, -5.2968, -27.8395



66.5780, 16.4770, -58.3889

# Sweetspot

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



85.0320, 8.3652, 23.6509



134.5650, 3.1725, 9.1515



76.0060, 17.7450, 1.7487



67.9020, 2.0203, 5.3479



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000



# Same Dimension

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



85.0320, 8.3652, 23.6509



103.3740, 13.1266, 36.5060



82.5240, -1.2443, 25.8505



52.3640, 1.2995, 3.1888



46.4820, 22.9334, 64.4753



95.6270, 47.0189, 132.7541



# Inverse Universe

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



85.0320, 8.3652, 23.6509



103.3740, 13.1266, 36.5060



97.4760, 1.2443, -25.8505



52.3640, 1.2995, 3.1888



46.4820, 22.9334, 64.4753

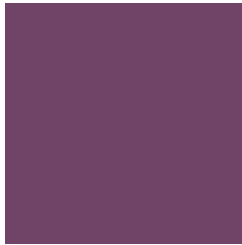


95.6270, 47.0189, 132.7541



# Previews

## White Background



This preview shows how the YUV color 85.0320, 8.3652, 23.6509 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 ✓ Pass



# Black Background



This preview shows how the YUV color 85.0320, 8.3652, 23.6509 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

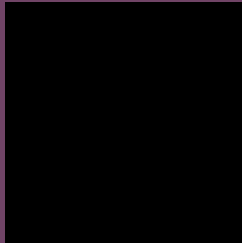
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 85.0320, 8.3652, 23.6509**

## **Background**



This preview shows how black text looks on a background with the YUV color 85.0320, 8.3652, 23.6509.



This preview shows how white text looks on a background with the YUV color 85.0320, 8.3652,



# 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

85.0320, 8.3652, 23.6509

### Protanopia

83.0280, 14.2832, -7.9176

### Deuteranopia

83.7640, 8.0043, -0.6700



## Tritanopia

84.3340, -3.1227, 21.6321

# Trichromacy



## Original Color

85.0320, 8.3652, 23.6509

## Protanomaly

83.8230, 11.9193, 3.6632

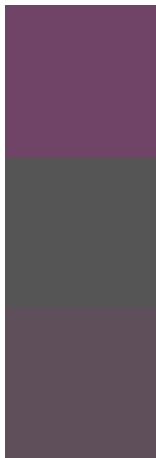
## Deuteranomaly

84.2320, 8.2666, 8.5665

## Tritanomaly

84.4850, 1.2399, 22.3767

# Monochromacy



## Original Color

85.0320, 8.3652, 23.6509

## Achromatopsia

85.0000, 0.0000, 0.0000

## Achromatomaly

85.1520, 2.8831, 8.6367

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 85.0320, 8.3652, 23.6509 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(112, 68, 102)` looks like.

```
.text, #text, p{  
    color:rgb(112, 68, 102)  
}
```

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(112, 68, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 68, 102) }
```

## Border

The CSS property to change the border of an element to YUV 85.0320, 8.3652, 23.6509 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(112, 68, 102) }
```



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

```
.border{ border-color:rgb(112, 68, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 68, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 68, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 68, 102);  
box-shadow:4px 4px 4px 4px rgb(112, 68,  
102) }
```

# Background

The CSS property to change the background color of an element to YUV 85.0320, 8.3652, 23.6509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 68, 102) }
```

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

```
.background{ background-color: rgb(112, 68,  
102) }
```

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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