

# Converting Colors

YUV(88.9850, -6.8946, 64.9112)

Have a look what the booklet for  
YUV(88.9850, -6.8946, 64.9112)  
contains.

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# Color

**YUV(88.9850, -6.8946,  
64.9112)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A3364B
RGB	163, 54, 75
RGB Percent	64%, 21%, 29%
CMY	0.3608, 0.7882, 0.7059
CMYK	0.00, 0.67, 0.54, 0.36
HSL	348°, 50%, 43%
HSV	348°, 67%, 64%
XYZ	17.6934, 10.9329, 7.8343
YIQ	88.9850, 58.2230, 29.6390

# Conversions

## Conversions Part 2

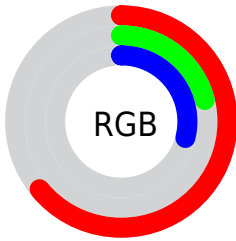
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 54, 75
Decimal	10696267
CIE <sub>Lab</sub>	39.47, 46.41, 12.45
CIE <sub>LCh</sub>	39, 48.050, 15.015
Yxy	10.9329, 0.4853, 0.2999
Android (android.graphics.Color)	4288886347 (0xFFA3364B)
YUV	88.9850, -6.8946, 64.9112
Hunter-Lab	33.0649, 37.6540, 9.0974

# Details

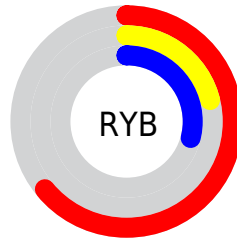
The YUV color **88.9850, -6.8946, 64.9112** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **128.0150, 6.8946, -64.9112**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.3230, -9.5262, 68.9997**, and **35.3420, -1.6476, 61.9671** is the 20% darker color. If you saturate the color by 10%, you get **78.1110, -7.9427, 74.4477**, and if you desaturate by 10%, it is **99.8590, -5.8465, 55.3747**.

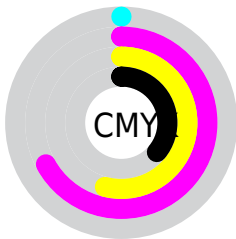
# Distribution



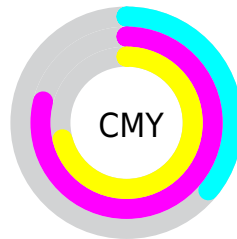
- Red (64%)
- Green (21%)
- Blue (29%)



- Red (64%)
- Yellow (21%)
- Blue (29%)



- Cyan (0%)
- Magenta (67%)
- Yellow (54%)
- Black (36%)



- Cyan (36%)
- Magenta (79%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 88.9850, -6.8946, 64.9112 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 88.9850, -6.8946, 64.9112 by changing the saturation by 10% instead.



88.9850, -6.8946,  
64.9112

88.9850, -6.8946,  
64.9112

255.0000, 0.0000,  
0.0000

60.7830, -3.8370,  
64.2113

143.3230, -9.5262,  
68.9997

35.3420, -1.6476,  
61.9671

170.9920,  
-10.8421, 71.0440

24.2340, -8.0034,  
47.1528

190.8160, -7.3043,  
56.2894

16.0750, -6.9390,  
32.3832

210.3300, -3.6137,  
39.1756

0.8970, -0.4422,  
1.8443

230.5450, 0.2243,  
21.4470

0.0000, 0.0000,  
0.0000

250.3040, 2.3151,

4.1184

■ 88.9850, -6.8946,  
64.9112

■ 88.9850, -6.8946,  
64.9112

■ 78.1110, -7.9427,  
74.4477

■ 99.8590, -5.8465,  
55.3747

■ 66.6500, -8.7014,  
84.4990

■ 111.3200, -5.0878,  
45.3234

■ 55.7760, -9.7496,  
94.0354

■ 122.1940, -4.0396,  
35.7869

■ 52.2710, -10.4866,  
97.1093

■ 133.1820, -2.5547,  
26.1504

■ 144.6430, -1.7960,  
16.0991

■ 155.5170, -0.7479,  
6.5626

■ 166.3910, 0.3002,  
-2.9739

■ 177.2650, 1.3484,  
-12.5104

■ 188.7260, 2.1071,  
-22.5617

# Harmonies

## Analogous

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



92.2020, 10.7464, 53.3198



88.9850, -6.8946, 64.9112



89.5220, -24.9073, 55.6702

# Triad

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



88.9850, -6.8946, 64.9112



80.0370, -23.1892, -28.9734



79.7270, 44.0116, -69.9206

# Complementary

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



88.9850, -6.8946, 64.9112



128.0150, 6.8946, -64.9112

# 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.



80.8550, 33.1025, -70.9098



88.9850, -6.8946, 64.9112



72.6640, -0.8204, -63.7263

# Square

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



88.9850, -6.8946, 64.9112



84.7460, -41.7798, 7.2388



77.9250, 16.7990, -68.3402



87.0350, 40.4087, -34.2337



# Rectangle

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



88.9850, -6.8946, 64.9112



89.5730, -35.7785, 42.4705



77.9250, 16.7990, -68.3402



80.9180, 40.9594, -70.9651

# Sweetspot

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



88.9850, -6.8946, 64.9112



182.7690, -2.8441, 25.6356



92.4390, 34.7866, 42.5880



89.3440, -1.6486, 15.4843



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.



88.9850, -6.8946, 64.9112



96.5920, -10.6449, 101.2128



105.9620, -25.6173, 50.0223



75.9190, -0.4531, 5.3330



46.5470, -9.1437, 86.3433



5.7240, -1.3429, 10.7661



# Inverse Universe

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



88.9850, -6.8946, 64.9112



96.5920, -10.6449, 101.2128



111.0380, 25.6173, -50.0223



75.9190, -0.4531, 5.3330



46.5470, -9.1437, 86.3433



5.7240, -1.3429, 10.7661



# Previews

## White Background



This preview shows how the YUV color 88.9850, -6.8946, 64.9112 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 88.9850, -6.8946, 64.9112 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 88.9850, -6.8946, 64.9112

## Background



This preview shows how black text looks on a background with the YUV color 88.9850, -6.8946, 64.9112.



This preview shows how white text looks on a background with the YUV color 88.9850, -6.8946,



# 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

88.9850, -6.8946, 64.9112

### Protanopia

93.8260, 0.5788, 1.0296

### Deuteranopia

93.9990, -11.8315, 14.9099



## Tritanopia

88.7370, -14.1673, 64.2517

# Trichromacy



## Original Color

88.9850, -6.8946, 64.9112

## Protanomaly

92.2850, -2.1125, 24.3061

## Deuteranomaly

92.2770, -9.9966, 33.0831

## Tritanomaly

88.7200, -11.6940, 64.2666

# Monochromacy



## Original Color

88.9850, -6.8946, 64.9112

## Achromatopsia

89.0000, 0.0000, 0.0000

## Achromatomaly

88.8720, -2.4019, 23.7913

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 88.9850, -6.8946, 64.9112 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(163, 54, 75)` looks like.

```
.text, #text, p{  
    color:rgb(163, 54, 75)  
}
```

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(163, 54, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 54, 75) }
```

## Border

The CSS property to change the border of an element to YUV 88.9850, -6.8946, 64.9112 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(163, 54, 75) }
```



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

```
.border{ border-color:rgb(163, 54, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 54, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 54, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 54, 75);  
box-shadow:4px 4px 4px 4px rgb(163, 54,  
75) }
```

# Background

The CSS property to change the background color of an element to YUV 88.9850, -6.8946, 64.9112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 54, 75) }
```

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

```
.background{ background-color: rgb(163, 54,  
75) }
```

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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