

Converting Colors

YUV(84.4960, 11.5875, 63.5860)

Have a look what the booklet for
YUV(84.4960, 11.5875, 63.5860)
contains.

YUV(84.4960, 11.5875, 63.5860)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(84.4960, 11.5875,
63.5860)**

Conversions

Conversions Part 1

Format	Color
Hex	9D2B6C
RGB	157, 43, 108
RGB Percent	62%, 17%, 42%
CMY	0.3843, 0.8314, 0.5765
CMYK	0.00, 0.73, 0.31, 0.38
HSL	326°, 57%, 39%
HSV	326°, 73%, 62%
XYZ	17.4753, 9.9786, 15.1924
YIQ	84.4960, 47.0790, 44.3830

Conversions

Conversions Part 2

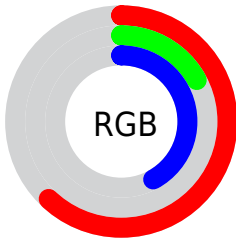
Format	Color
R_{YB}	157, 43, 108
Decimal	10300268
CIE _{Lab}	37.80, 52.40, -10.97
CIE _{LCh}	38, 53.536, 348.178
Yxy	9.9786, 0.4098, 0.2340
Android (android.graphics.Color)	4288490348 (0xFF9D2B6C)
YUV	84.4960, 11.5875, 63.5860
Hunter-Lab	31.5889, 43.4675, -6.4028

Details

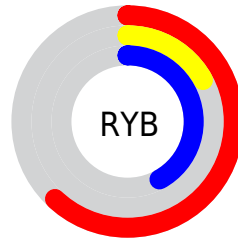
The YUV color **84.4960, 11.5875, 63.5860** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **115.5040, -11.5875, -63.5860**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.9370, 9.3981, 65.8303**, and **37.1530, 11.7566, 55.9938** is the 20% darker color. If you saturate the color by 10%, you get **74.3060, 13.1601, 72.5226**, and if you desaturate by 10%, it is **94.6860, 10.0148, 54.6494**.

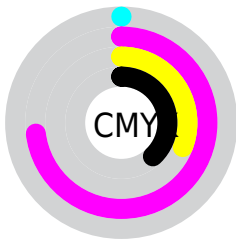
Distribution



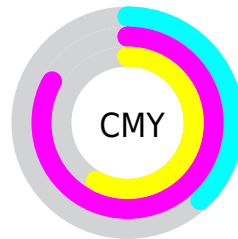
- Red (62%)
- Green (17%)
- Blue (42%)



- Red (62%)
- Yellow (17%)
- Blue (42%)



- Cyan (0%)
- Magenta (73%)
- Yellow (31%)
- Black (38%)



- Cyan (38%)
- Magenta (83%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.4960, 11.5875, 63.5860 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 84.4960, 11.5875, 63.5860 by changing the saturation by 10% instead.

84.4960, 11.5875,
63.5860

84.4960, 11.5875,
63.5860

255.0000, 0.0000,
0.0000

50.4950, 16.5180,
68.8489

139.9370, 9.3981,
65.8303

37.1530, 11.7566,
55.9938

168.4210, 8.6664,
67.1598

26.5720, 6.1270,
41.5944

190.4520, 11.6092,
56.6086

17.0020, 0.4920,
28.9392

210.1940, 16.1734,
39.2949

0.0000, 0.0000,
0.0000

228.5850, 13.0226,
23.1660

245.6080, 4.6303,

■ 84.4960, 11.5875,
63.5860

■ 84.4960, 11.5875,
63.5860

■ 74.3060, 13.1601,
72.5226

■ 94.6860, 10.0148,
54.6494

■ 64.8170, 14.8802,
80.8445

■ 104.1750, 8.2947,
46.3275

■ 57.2030, 16.1689,
87.5220

■ 114.3650, 6.7221,
37.3909

■ 124.5550, 5.1494,
28.4543

■ 134.7450, 3.5767,
19.5176

■ 144.2340, 1.8566,
11.1958

■ 154.4240, 0.2840,
2.2592

■ 164.6140, -1.2887,
-6.6775

■ 174.2170, -2.5720,
-15.0993

Harmonies

Analogous

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



91.1030, 27.5572, 27.9737



84.4960, 11.5875, 63.5860



81.3990, -8.0847, 73.3181

Triad

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



84.4960, 11.5875, 63.5860



80.5820, -39.7269, 2.1206



79.6640, 36.1546, -69.8653

Complementary

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



84.4960, 11.5875, 63.5860



115.5040, -11.5875, -63.5860

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.



76.5060, 18.9775, -67.0958



84.4960, 11.5875, 63.5860



70.0740, -22.7145, -41.2839

Square

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



84.4960, 11.5875, 63.5860



84.0250, -41.4243, 33.3041



70.7890, -0.3890, -62.0820



77.9490, 47.3531, -68.3613

Rectangle

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



84.4960, 11.5875, 63.5860



82.8590, -22.6085, 65.0217



70.7890, -0.3890, -62.0820



78.9970, 31.0605, -69.2804

Sweetspot

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



84.4960, 11.5875, 63.5860



175.4190, 4.7234, 25.0655



70.3480, 42.7194, 18.1118



84.8970, 3.0088, 14.9993



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



84.4960, 11.5875, 63.5860



91.4370, 18.0256, 98.7178



78.1120, -12.8732, 69.1848



73.9620, 1.0047, 4.4183



51.9910, 14.3014, 79.8149



5.5110, 1.7201, 8.3219

Inverse Universe

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



84.4960, 11.5875, 63.5860



91.4370, 18.0256, 98.7178



121.7740, 12.4364, -69.0848



73.9620, 1.0047, 4.4183



51.9910, 14.3014, 79.8149



5.5110, 1.7201, 8.3219

Previews

White Background



This preview shows how the YUV color 84.4960, 11.5875, 63.5860 looks on a white background.

Color Contrast Check

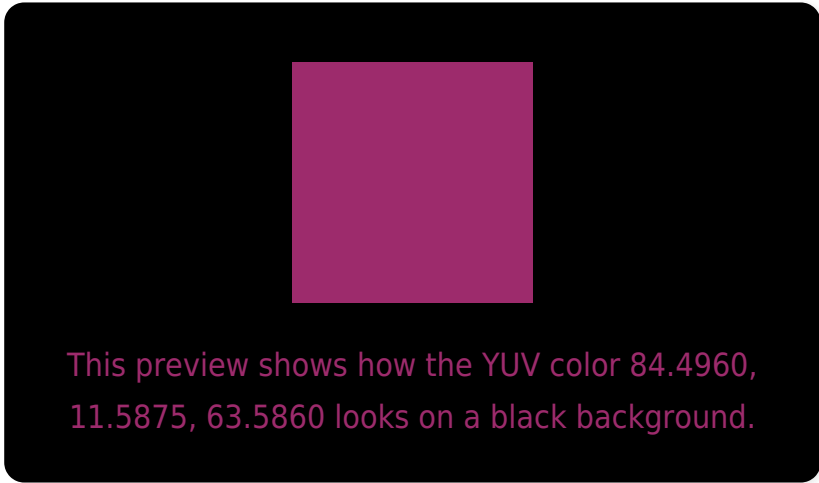
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

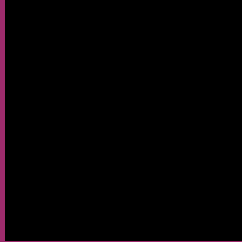
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.4960, 11.5875, 63.5860

Background



This preview shows how black text looks on a background with the YUV color 84.4960, 11.5875, 63.5860.



This preview shows how white text looks on a background with the YUV color 84.4960, 11.5875,

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

84.4960, 11.5875, 63.5860

Protanopia

88.8450, 25.2194, -15.6501

Deuteranopia

91.0910, 5.3781, 1.6742



Tritanopia

86.0460, -12.8407, 58.7187

Trichromacy



Original Color

84.4960, 11.5875, 63.5860

Protanomaly

87.3540, 20.0385, 12.8445

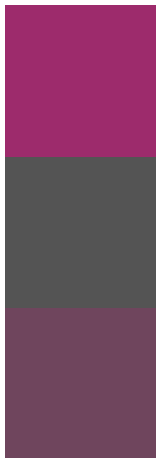
Deuteranomaly

88.8040, 7.4916, 23.8509

Tritanomaly

85.3480, -4.1156, 60.2078

Monochromacy



Original Color

84.4960, 11.5875, 63.5860

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.2940, 4.2921, 23.4212

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.4960, 11.5875, 63.5860 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(157, 43, 108)` looks like.

```
.text, #text, p{  
    color:rgb(157, 43, 108)  
}
```

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(157, 43, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 43, 108) }
```

Border

The CSS property to change the border of an element to YUV 84.4960, 11.5875, 63.5860 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(157, 43, 108) }
```


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

```
.border{ border-color:rgb(157, 43, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 43, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 43, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 43, 108);  
box-shadow:4px 4px 4px 4px rgb(157, 43,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 84.4960, 11.5875, 63.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 43, 108) }
```

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

```
.background{ background-color: rgb(157, 43,  
108) }
```

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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