

Converting Colors

YUV(96.8900, -16.2148,
67.6255)

Have a look what the booklet for
YUV(96.8900, -16.2148, 67.6255)
contains.

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Color

**YUV(96.8900, -16.2148,
67.6255)**

Conversions

Conversions Part 1

Format	Color
Hex	AE4040
RGB	174, 64, 64
RGB Percent	68%, 25%, 25%
CMY	0.3176, 0.7490, 0.7490
CMYK	0.00, 0.63, 0.63, 0.32
HSL	0°, 46%, 47%
HSV	0°, 63%, 68%
XYZ	20.2144, 13.0356, 6.3012
YIQ	96.8900, 65.5600, 23.3200

Conversions

Conversions Part 2

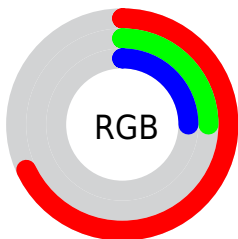
Format	Color
RYB	174, 64, 64
Decimal	11419712
CIELab	42.82, 44.93, 24.05
CIELCh	43, 50.963, 28.156
Yxy	13.0356, 0.5111, 0.3296
Android (android.graphics.Color)	4289609792 (0xFFAE4040)
YUV	96.8900, -16.2148, 67.6255
Hunter-Lab	36.1049, 36.7549, 14.9258

Details

The YUV color **96.8900, -16.2148, 67.6255** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **141.1100, 16.2148, -67.6255**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.4130, -19.4306, 72.4288**, and **37.3660, -8.0684, 68.0850** is the 20% darker color. If you saturate the color by 10%, you get **84.9730, -18.7207, 78.0767**, and if you desaturate by 10%, it is **108.8070, -13.7089, 57.1743**.

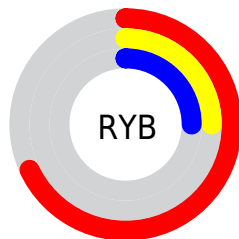
Distribution



Red (68%)

Green (25%)

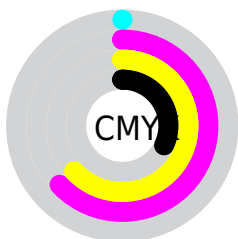
Blue (25%)



Red (68%)

Yellow (25%)

Blue (25%)

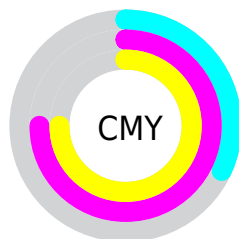


Cyan (0%)

Magenta (63%)

Yellow (63%)

Black (32%)



Cyan (32%)


Magenta (75%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.8900, -16.2148, 67.6255 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 96.8900, -16.2148, 67.6255 by changing the saturation by 10% instead.


 96.8900, -16.2148,
67.6255


 96.8900, -16.2148,
67.6255


255.0000, 0.0000,
0.0000


 69.5630, -13.5886,
65.2812


 151.4130,
-19.4306, 72.4288


 37.3660, -8.0684,
68.0850


 176.3910,
-19.4198, 68.9401


 26.0130, -12.8244,
53.4856

 195.3180,
-15.4398, 52.3411

 18.0540, -8.4076,
36.7866

 214.8320,
-11.7492, 35.2273

 8.1870, -3.5432,
16.4990

 234.9330, -8.3480,
17.5988

 0.0000, 0.0000,
0.0000

 254.0880, -3.4944,

0.7998

■ 96.8900, -16.2148,
67.6255

■ 96.8900, -16.2148,
67.6255

■ 84.9730, -18.7207,
78.0767

■ 108.8070,
-13.7089, 57.1743

■ 72.3550, -21.3740,
89.1427

■ 121.4250,
-11.0555, 46.1083

■ 60.4380, -23.8799,
99.5939

■ 133.3420, -8.5496,
35.6571

■ 52.0260, -25.6488,
106.9712

■ 145.9600, -5.8963,
24.5911

■ 157.8770, -3.3904,
14.1399

■ 169.7940, -0.8844,
3.6887

■ 182.4120, 1.7689,
-7.3773

■ 194.3290, 4.2748,
-17.8285

■ 206.9470, 6.9281,
-28.8945

Harmonies

Analogous

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



98.1560, 3.8671, 66.5152



96.8900, -16.2148, 67.6255



96.9700, -34.4952, 50.8923

Triad

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



96.8900, -16.2148, 67.6255



75.4330, -10.5665, -64.4007



84.0130, 50.2796, -73.6794

Complementary

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



96.8900, -16.2148, 67.6255



141.1100, 16.2148, -67.6255

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.



87.7000, 41.5599, -76.9129



96.8900, -16.2148, 67.6255



81.4980, 7.6425, -71.4737

Square

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



96.8900, -16.2148, 67.6255



90.6840, -37.8052, -7.6159



86.4000, 26.4248, -75.7728



101.8860, 36.5382, -6.0390

Rectangle

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



96.8900, -16.2148, 67.6255



95.2980, -45.5029, 34.8187



86.4000, 26.4248, -75.7728



86.1330, 48.2484, -75.5386

Sweetspot

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



96.8900, -16.2148, 67.6255



196.8570, -6.3385, 26.4354



109.4300, 31.8330, 56.6279



96.0730, -3.9800, 16.5990



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



96.8900, -16.2148, 67.6255



105.7270, -25.5014, 106.3564



129.1750, -32.1313, 39.3115



80.6910, -1.3267, 5.5330



44.8500, -22.1110, 92.2166



6.8770, -3.3904, 14.1399

Inverse Universe

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



141.1100, 16.2148, -67.6255



175.2730, 25.5014, -106.3564



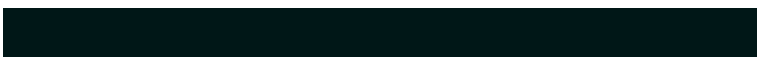
108.8250, 32.1313, -39.3115



84.3090, 1.3267, -5.5330



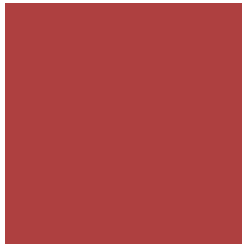
105.1500, 22.1110, -92.2166



16.1230, 3.3904, -14.1399

Previews

White Background



This preview shows how the YUV color 96.8900, -16.2148, 67.6255 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 96.8900, -16.2148, 67.6255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

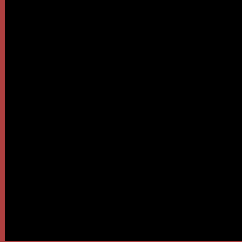
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.8900, -16.2148, 67.6255

Background



This preview shows how black text looks on a background with the YUV color 96.8900, -16.2148, 67.6255.

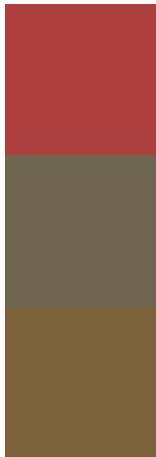


This preview shows how white text looks on a background with the YUV color 96.8900, -16.2148,

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

96.8900, -16.2148, 67.6255

Protanopia

101.4710, -11.0782, 6.6029

Deuteranopia

100.6270, -21.0151, 20.4981



Tritanopia

96.6450, -14.6150, 67.8403

Trichromacy



Original Color

96.8900, -16.2148, 67.6255

Protanomaly

99.8590, -12.7485, 29.0647

Deuteranomaly

99.1930, -19.3221, 37.5417

Tritanomaly

96.5310, -15.0518, 67.9403

Monochromacy



Original Color

96.8900, -16.2148, 67.6255

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.9600, -5.8963, 24.5911

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.8900, -16.2148, 67.6255 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(174, 64, 64)` looks like.

```
.text, #text, p{  
    color:rgb(174, 64, 64)  
}
```

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(174, 64, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 64, 64) }
```

Border

The CSS property to change the border of an element to YUV 96.8900, -16.2148, 67.6255 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(174, 64, 64) }
```


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

```
.border{ border-color:rgb(174, 64, 64) }
```

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

Here you see how a box with a 4 pixel rgb(174, 64, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 64, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 64, 64);  
box-shadow:4px 4px 4px 4px rgb(174, 64,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 96.8900, -16.2148, 67.6255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 64, 64) }
```

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

```
.background{ background-color: rgb(174, 64,  
64) }
```

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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