

Converting Colors

YUV(96.6900, -16.1162,
82.7099)

Have a look what the booklet for
YUV(96.6900, -16.1162, 82.7099)
contains.

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Color

**YUV(96.6900, -16.1162,
82.7099)**

Conversions

Conversions Part 1

Format	Color
Hex	BF3740
RGB	191, 55, 64
RGB Percent	75%, 22%, 25%
CMY	0.2510, 0.7843, 0.7490
CMYK	0.00, 0.71, 0.66, 0.25
HSL	356°, 55%, 48%
HSV	356°, 71%, 75%
XYZ	23.7775, 14.1789, 6.3341
YIQ	96.6900, 78.1670, 31.6310

Conversions

Conversions Part 2

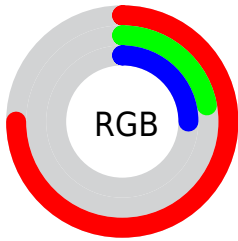
Format	Color
RYB	191, 55, 64
Decimal	12531520
CIELab	44.49, 54.32, 26.80
CIElCh	44, 60.573, 26.255
Yxy	14.1789, 0.5369, 0.3201
Android (android.graphics.Color)	4290721600 (0xFFBF3740)
YUV	96.6900, -16.1162, 82.7099
Hunter-Lab	37.6549, 46.8191, 16.3850

Details

The YUV color **96.6900, -16.1162, 82.7099** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **149.3100, 16.1162, -82.7099**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.5720, -20.4950, 87.1984**, and **41.3780, -9.5534, 77.7215** is the 20% darker color. If you saturate the color by 10%, you get **83.4850, -18.4801, 94.2907**, and if you desaturate by 10%, it is **109.8950, -13.7522, 71.1291**.

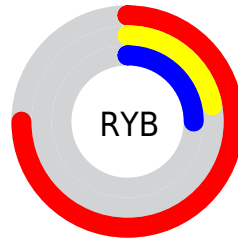
Distribution



Red (75%)

Green (22%)

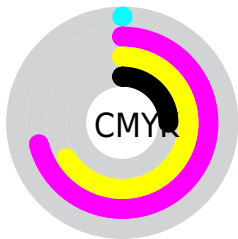
Blue (25%)



Red (75%)

Yellow (22%)

Blue (25%)

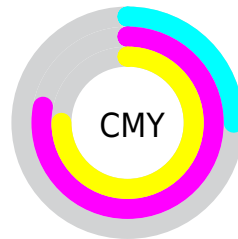


Cyan (0%)

Magenta (71%)

Yellow (66%)

Black (25%)



Cyan (25%)

Magenta (78%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.6900, -16.1162, 82.7099 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 96.6900, -16.1162, 82.7099 by changing the saturation by 10% instead.

■ 96.6900, -16.1162,
82.7099

■ 96.6900, -16.1162,
82.7099

■ 255.0000, 0.0000,
0.0000

■ 65.2540, -11.4642,
83.9692

■ 153.5720,
-20.4950, 87.1984

■ 41.3780, -9.5534,
77.7215

■ 173.4560,
-17.9728, 71.5141

■ 30.1990, -14.8881,
62.0925

■ 192.2690,
-14.4296, 55.0151

■ 21.3430, -10.0291,
43.5492

■ 212.4840,
-10.5916, 37.2865

■ 12.9710, -5.9017,
26.3354

■ 232.5850, -7.1904,
19.6580

■ 0.0000, 0.0000,
0.0000

■ 252.9140, -2.9156,

1.8294

■ 96.6900, -16.1162,
82.7099

■ 96.6900, -16.1162,
82.7099

■ 83.4850, -18.4801,
94.2907

■ 109.8950,
-13.7522, 71.1291

■ 70.2800, -20.8440,
105.8714

■ 123.1000,
-11.3883, 59.5483

■ 58.5910, -22.4764,
116.1227

■ 136.3050, -9.0244,
47.9675

■ 149.3960, -7.0972,
36.4867

■ 163.1880, -5.0227,
24.3911

■ 176.3930, -2.6587,
12.8103

■ 189.5980, -0.2948,
1.2296

■ 202.8030, 2.0691,
-10.3512

■ 216.0080, 4.4331,
-21.9320

Harmonies

Analogous

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



97.9820, 7.8969, 80.6998



96.6900, -16.1162, 82.7099



98.7990, -41.8059, 62.4433

Triad

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



96.6900, -16.1162, 82.7099



77.3310, -15.9392, -67.8193



89.9290, 57.7160, -78.8677

Complementary

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



96.6900, -16.1162, 82.7099



149.3100, 16.1162, -82.7099

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.



94.3340, 46.6703, -82.7309



96.6900, -16.1162, 82.7099



85.6070, 5.6167, -75.0773

Square

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



96.6900, -16.1162, 82.7099



92.6210, -45.6622, -7.5606



91.5350, 28.3302, -80.2762



104.5350, 45.5852, -14.5012

Rectangle

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



96.6900, -16.1162, 82.7099



98.8320, -48.7242, 41.3663



91.5350, 28.3302, -80.2762



92.5220, 54.9587, -81.1418

Sweetspot

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



96.6900, -16.1162, 82.7099



211.0040, -5.9180, 31.5685



108.4770, 40.6838, 64.4797



103.4970, -3.6960, 18.8581



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



96.6900, -16.1162, 82.7099



101.3860, -24.8403, 127.7035



130.2970, -37.1214, 53.2365



87.8050, -0.8899, 5.4330



48.3820, -18.9223, 96.1350



9.4970, -3.6960, 18.8581

Inverse Universe

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



96.6900, -16.1162, 82.7099



101.3860, -24.8403, 127.7035



115.7030, 37.1214, -53.2365



87.8050, -0.8899, 5.4330



48.3820, -18.9223, 96.1350



9.4970, -3.6960, 18.8581

Previews

White Background



This preview shows how the YUV color 96.6900, -16.1162, 82.7099 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 96.6900, -16.1162, 82.7099 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 96.6900, -16.1162, 82.7099

Background



This preview shows how black text looks on a background with the YUV color 96.6900, -16.1162, 82.7099.

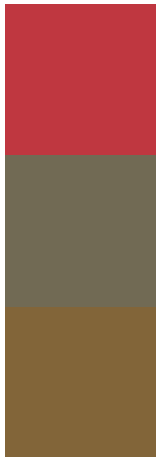


This preview shows how white text looks on a background with the YUV color 96.6900, -16.1162,

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

96.6900, -16.1162, 82.7099

Protanopia

105.5850, -10.6414, 6.5030

Deuteranopia

104.6550, -23.4939, 22.2276



Tritanopia

96.7070, -18.5896, 82.6950

Trichromacy



Original Color

96.6900, -16.1162, 82.7099

Protanomaly

102.0060, -12.3280, 34.1977

Deuteranomaly

101.5960, -20.5068, 44.2043

Tritanomaly

96.9350, -17.7160, 82.4950

Monochromacy



Original Color

96.6900, -16.1162, 82.7099

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.9930, -5.9125, 29.8241

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.6900, -16.1162, 82.7099 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(191, 55, 64)` looks like.

```
.text, #text, p{  
    color:rgb(191, 55, 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(191, 55, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 55, 64) }
```

Border

The CSS property to change the border of an element to YUV 96.6900, -16.1162, 82.7099 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(191, 55, 64) }
```


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

```
.border{ border-color:rgb(191, 55, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 55, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 55, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 55, 64);  
box-shadow:4px 4px 4px 4px rgb(191, 55,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 96.6900, -16.1162, 82.7099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 55, 64) }
```

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

```
.background{ background-color: rgb(191, 55,  
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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