

Converting Colors

YUV(96.9000, -7.8387, 87.7877)

Have a look what the booklet for
YUV(96.9000, -7.8387, 87.7877)
contains.

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Color

**YUV(96.9000, -7.8387,
87.7877)**

Conversions

Conversions Part 1

Format	Color
Hex	C53151
RGB	197, 49, 81
RGB Percent	77%, 19%, 32%
CMY	0.2275, 0.8078, 0.6824
CMYK	0.00, 0.75, 0.59, 0.23
HSL	347°, 60%, 48%
HSV	347°, 75%, 77%
XYZ	25.6095, 14.6610, 9.2647
YIQ	96.9000, 77.9360, 41.3280

Conversions

Conversions Part 2

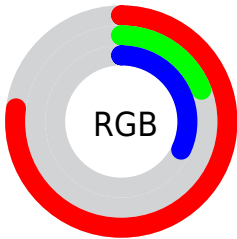
Format	Color
R_{YB}	197, 49, 81
Decimal	12923217
CIE Lab	45.17, 59.29, 17.49
CIE LCh	45, 61.820, 16.437
Yxy	14.6610, 0.5170, 0.2960
Android (android.graphics.Color)	4291113297 (0xFFC53151)
YUV	96.9000, -7.8387, 87.7877
Hunter-Lab	38.2897, 52.3799, 12.4568

Details

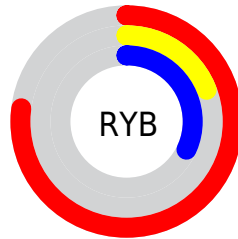
The YUV color **96.9000, -7.8387, 87.7877** is a dark color, and the websafe version is hex **CC3366**, and the color name is **dingy dungeon**. The color can be described as dark muted red. A complement of this color would be **149.1000, 7.8387, -87.7877**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.8740, -11.7699, 88.6875**, and **44.8820, -3.8858, 79.9105** is the 20% darker color. If you saturate the color by 10%, you get **83.4500, -8.6029, 99.5833**, and if you desaturate by 10%, it is **110.3500, -7.0746, 75.9920**.

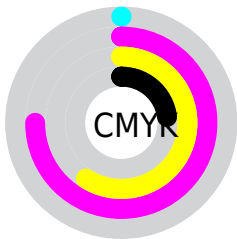
Distribution



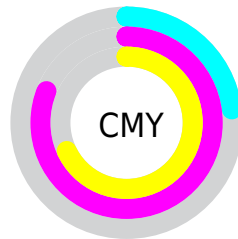
- Red (77%)
- Green (19%)
- Blue (32%)



- Red (77%)
- Yellow (19%)
- Blue (32%)



- Cyan (0%)
- Magenta (75%)
- Yellow (59%)
- Black (23%)



- Cyan (23%)
- Magenta (81%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.9000, -7.8387, 87.7877 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 96.9000, -7.8387, 87.7877 by changing the saturation by 10% instead.

■ 96.9000, -7.8387,
87.7877

■ 96.9000, -7.8387,
87.7877

■ 255.0000, 0.0000,
0.0000

■ 59.4800, -0.7296,
94.2950

■ 153.8740,
-11.7699, 88.6875

■ 44.8820, -3.8858,
79.9105

■ 173.8610, -8.8055,
71.1589

■ 33.9310, -8.3470,
64.0815

■ 193.3750, -5.1149,
54.0451

■ 23.4360, -11.0609,
47.8526

■ 213.4760, -1.7137,
36.4165

■ 14.8790, -6.3493,
29.9241

■ 233.8050, 2.5611,
18.5880

■ 0.0000, 0.0000,
0.0000

■ 252.6520, 1.1576,

2.0592

■ 96.9000, -7.8387,
87.7877

■ 96.9000, -7.8387,
87.7877

■ 83.4500, -8.6029,
99.5833

■ 110.3500, -7.0746,
75.9920

■ 70.4730, -10.0932,
110.9642

■ 123.3270, -5.5842,
64.6112

■ 63.8050, -10.2569,
116.8120

■ 136.7770, -4.8201,
52.8156

■ 150.3410, -3.6191,
40.9199

■ 163.7910, -2.8550,
29.1243

■ 176.7680, -1.3646,
17.7435

■ 190.2180, -0.6005,
5.9478

■ 203.7820, 0.6005,
-5.9478

■ 216.6450, 1.6540,
-17.2287

Harmonies

Analogous

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



101.3000, 15.6281, 74.2819



96.9000, -7.8387, 87.7877



100.3300, -33.6867, 71.6246

Triad

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



96.9000, -7.8387, 87.7877



85.3310, -29.2502, -45.0173



94.1520, 56.1271, -82.5713

Complementary

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



96.9000, -7.8387, 87.7877



149.1000, 7.8387, -87.7877

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.



95.7700, 42.0184, -83.9903



96.9000, -7.8387, 87.7877



84.3700, -1.6614, -73.9925

Square

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



96.9000, -7.8387, 87.7877



97.1280, -47.8841, 5.1497



91.7000, 21.3469, -80.4209



95.1220, 55.1559, -50.9730

Rectangle

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



96.9000, -7.8387, 87.7877



100.3820, -49.4883, 53.1620



91.7000, 21.3469, -80.4209



95.2290, 52.6381, -83.5158

Sweetspot

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



96.9000, -7.8387, 87.7877



215.1230, -3.0186, 34.9721



100.5560, 47.5469, 56.5174



103.6760, -1.8123, 21.3321



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



96.9000, -7.8387, 87.7877



99.4700, -12.0637, 136.3998



117.9060, -33.9707, 69.3654



92.9190, -0.4531, 5.3330



52.7270, -8.7394, 96.7094



11.6760, -1.8123, 21.3321

Inverse Universe

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



96.9000, -7.8387, 87.7877



99.4700, -12.0637, 136.3998



128.0940, 33.9707, -69.3654



92.9190, -0.4531, 5.3330



52.7270, -8.7394, 96.7094



11.6760, -1.8123, 21.3321

Previews

White Background



This preview shows how the YUV color 96.9000, -7.8387, 87.7877 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 96.9000, -7.8387, 87.7877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

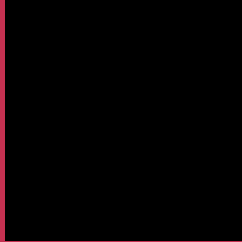
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.9000, -7.8387, 87.7877

Background



This preview shows how black text looks on a background with the YUV color 96.9000, -7.8387, 87.7877.



This preview shows how white text looks on a background with the YUV color 96.9000, -7.8387, 87.7877.

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

96.9000, -7.8387, 87.7877

Protanopia

107.7120, 0.1420, 1.1296

Deuteranopia

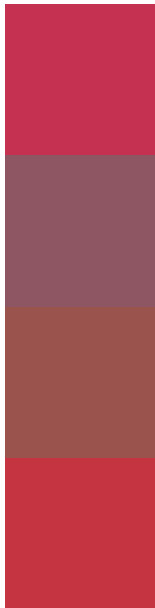
107.4680, -16.4997, 18.8836



Tritanopia

96.6860, -20.0582, 87.0984

Trichromacy



Original Color

96.9000, -7.8387, 87.7877

Protanomaly

103.8130, -2.8658, 32.6130

Deuteranomaly

103.5450, -13.0867, 44.2490

Tritanomaly

96.5380, -15.5482, 87.2282

Monochromacy



Original Color

96.9000, -7.8387, 87.7877

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.1010, -3.0078, 31.4834

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.9000, -7.8387, 87.7877 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(197, 49, 81)` looks like.

```
.text, #text, p{  
    color:rgb(197, 49, 81)  
}
```

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(197, 49, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 49, 81) }
```

Border

The CSS property to change the border of an element to YUV 96.9000, -7.8387, 87.7877 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(197, 49, 81) }
```


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

```
.border{ border-color:rgb(197, 49, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 49, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 49, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 49, 81);  
box-shadow:4px 4px 4px 4px rgb(197, 49,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 96.9000, -7.8387, 87.7877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 49, 81) }
```

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

```
.background{ background-color: rgb(197, 49,  
81) }
```

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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