

Converting Colors

YUV(100.8660, -2.8919,
87.8175)

Have a look what the booklet for
YUV(100.8660, -2.8919, 87.8175)
contains.

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Color

**YUV(100.8660, -2.8919,
87.8175)**

Conversions

Conversions Part 1

Format	Color
Hex	C9335F
RGB	201, 51, 95
RGB Percent	79%, 20%, 37%
CMY	0.2118, 0.8000, 0.6275
CMYK	0.00, 0.75, 0.53, 0.21
HSL	342°, 60%, 49%
HSV	342°, 75%, 79%
XYZ	27.3368, 15.6114, 12.3990
YIQ	100.8660, 75.2760, 45.4840

Conversions

Conversions Part 2

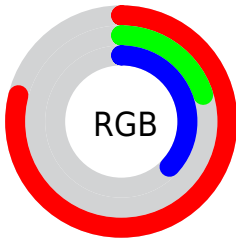
Format	Color
R_{YB}	201, 51, 95
Decimal	13185887
CIE Lab	46.46, 60.82, 10.75
CIE LCh	46, 61.762, 10.024
Yxy	15.6114, 0.4939, 0.2821
Android (android.graphics.Color)	4291375967 (0xFFC9335F)
YUV	100.8660, -2.8919, 87.8175
Hunter-Lab	39.5112, 54.3547, 9.0522

Details

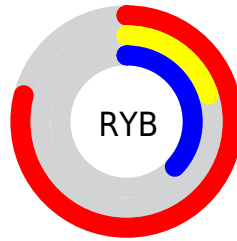
The YUV color **100.8660, -2.8919, 87.8175** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **151.1340, 2.8919, -87.8175**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.3450, -6.0861, 85.6434**, and **47.7450, 0.6187, 81.7846** is the 20% darker color. If you saturate the color by 10%, you get **87.5300, -3.2193, 99.5132**, and if you desaturate by 10%, it is **114.2020, -2.5646, 76.1218**.

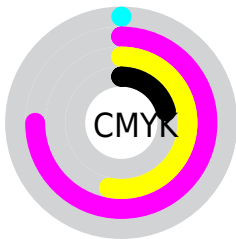
Distribution



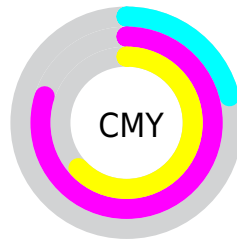
- Red (79%)
- Green (20%)
- Blue (37%)



- Red (79%)
- Yellow (20%)
- Blue (37%)



- Cyan (0%)
- Magenta (75%)
- Yellow (53%)
- Black (21%)



- Cyan (21%)
- Magenta (80%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.8660, -2.8919, 87.8175 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 100.8660, -2.8919, 87.8175 by changing the saturation by 10% instead.

■ 100.8660, -2.8919,
87.8175

■ 100.8660, -2.8919,
87.8175

255.0000, 0.0000,
0.0000

■ 64.0330, 3.9277,
93.8101

■ 157.3450, -6.0861,
85.6434

■ 47.7450, 0.6187,
81.7846

■ 176.8590, -2.3955,
68.5297

■ 36.4950, -3.6950,
65.3409

■ 196.9600, 1.0057,
50.9011

■ 24.7460, -11.2138,
50.2118

■ 216.5880, 5.1331,
33.6873

■ 16.3740, -7.0864,
32.9980

■ 237.3900, 8.6817,
15.4440

■ 1.7940, -0.8844,
3.6887

254.4130, 0.2894,

■ 0.0000, 0.0000,

0.5148

0.0000

■ 100.8660, -2.8919,
87.8175

■ 100.8660, -2.8919,
87.8175

■ 87.5300, -3.2193,
99.5132

■ 114.2020, -2.5646,
76.1218

■ 74.1940, -3.5466,
111.2089

■ 127.5380, -2.2372,
64.4262

■ 66.8250, -3.8577,
117.6715

■ 140.9880, -1.4731,
52.6305

■ 154.3240, -1.1457,
40.9349

■ 168.2470, -1.1078,
28.7244

■ 181.5830, -0.7804,
17.0287

■ 194.9190, -0.4531,
5.3330

■ 208.3690, 0.3111,
-6.4626

■ 221.7050, 0.6384,
-18.1583

Harmonies

Analogous

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



107.5810, 19.4336, 67.0195



100.8660, -2.8919, 87.8175



103.3290, -28.7562, 76.8875

Triad

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



100.8660, -2.8919, 87.8175



92.4270, -38.1715, -30.1925



97.0870, 54.6801, -85.1453

Complementary

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



100.8660, -2.8919, 87.8175



151.1340, 2.8919, -87.8175

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.



97.5480, 38.6768, -85.5496



100.8660, -2.8919, 87.8175



85.1050, -6.4608, -74.6371

Square

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



100.8660, -2.8919, 87.8175



101.3140, -49.9478, 13.7566



92.5490, 16.9843, -81.1655



89.4390, 60.9156, -78.4380

Rectangle

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



100.8660, -2.8919, 87.8175



103.4090, -47.0366, 60.1543



92.5490, 16.9843, -81.1655



97.9360, 50.3176, -85.8899

Sweetspot

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



100.8660, -2.8919, 87.8175



217.5680, -1.2660, 32.8279



99.4950, 50.0420, 49.5549



105.3060, -0.6439, 19.9026



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.



100.8660, -2.8919, 87.8175



101.5220, -4.2013, 134.6002



113.4600, -30.7928, 76.7726



92.9190, -0.4531, 5.3330



54.2090, -3.0610, 95.4097



11.9040, -0.9387, 21.1322

Inverse Universe

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



100.8660, -2.8919, 87.8175



101.5220, -4.2013, 134.6002



138.5400, 30.7928, -76.7726



92.9190, -0.4531, 5.3330



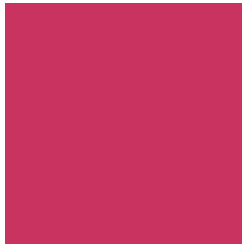
54.2090, -3.0610, 95.4097



11.9040, -0.9387, 21.1322

Previews

White Background



This preview shows how the YUV color 100.8660, -2.8919, 87.8175 looks on a white background.

Color Contrast Check

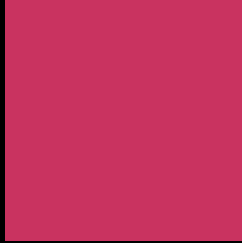
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.8660, -2.8919, 87.8175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

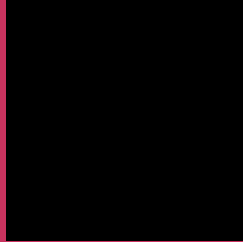
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.8660, -2.8919, 87.8175

Background



This preview shows how black text looks on a background with the YUV color 100.8660, -2.8919, 87.8175.

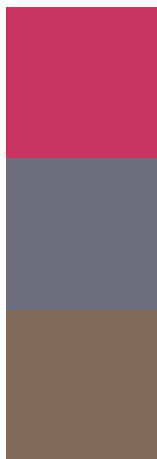


This preview shows how white text looks on a background with the YUV color 100.8660, -2.8919,

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

100.8660, -2.8919, 87.8175

Protanopia

111.2260, 7.2836, -2.8292

Deuteranopia

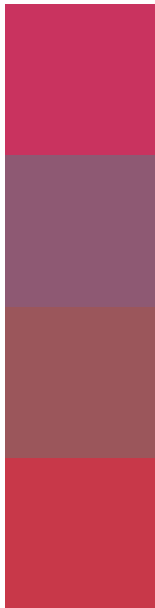
110.8250, -11.2527, 15.9395



Tritanopia

101.0880, -19.7634, 85.8688

Trichromacy



Original Color

100.8660, -2.8919, 87.8175

Protanomaly

107.8110, 3.5442, 29.9838

Deuteranomaly

107.2010, -7.9871, 41.9197

Tritanomaly

100.9940, -13.8010, 86.8283

Monochromacy



Original Color

100.8660, -2.8919, 87.8175

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.9700, -0.9712, 31.5983

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.8660, -2.8919, 87.8175 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(201, 51, 95)` looks like.

```
.text, #text, p{  
    color:rgb(201, 51, 95)  
}
```

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(201, 51, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 51, 95) }
```

Border

The CSS property to change the border of an element to YUV 100.8660, -2.8919, 87.8175 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(201, 51, 95) }
```


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

```
.border{ border-color:rgb(201, 51, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 51, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 51, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 51, 95);  
box-shadow:4px 4px 4px 4px rgb(201, 51,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 100.8660, -2.8919, 87.8175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 51, 95) }
```

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

```
.background{ background-color: rgb(201, 51,  
95) }
```

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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