

Converting Colors

YUV(107.7100, -9.7170,
83.5693)

Have a look what the booklet for
YUV(107.7100, -9.7170, 83.5693)
contains.

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Color

**YUV(107.7100, -9.7170,
83.5693)**

Conversions

Conversions Part 1

Format	Color
Hex	CB3F58
RGB	203, 63, 88
RGB Percent	80%, 25%, 35%
CMY	0.2039, 0.7529, 0.6549
CMYK	0.00, 0.69, 0.57, 0.20
HSL	349°, 57%, 52%
HSV	349°, 69%, 80%
XYZ	28.1676, 16.9561, 11.0208
YIQ	107.7100, 75.4150, 37.4550

Conversions

Conversions Part 2

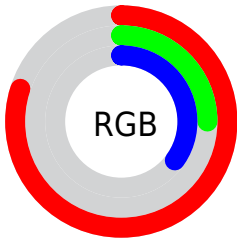
Format	Color
R_{YB}	203, 63, 88
Decimal	13320024
CIE _{Lab}	48.20, 56.61, 17.49
CIE _{LCh}	48, 59.251, 17.170
Yxy	16.9561, 0.5017, 0.3020
Android (android.graphics.Color)	4291510104 (0xFFCB3F58)
YUV	107.7100, -9.7170, 83.5693
Hunter-Lab	41.1778, 50.0413, 12.9561

Details

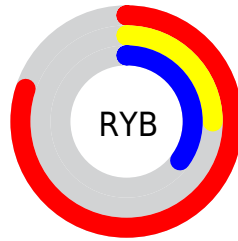
The YUV color **107.7100, -9.7170, 83.5693** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **158.2900, 9.7170, -83.5693**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.8300, -11.7482, 81.7101**, and **47.6590, -2.2969, 83.6141** is the 20% darker color. If you saturate the color by 10%, you get **94.0320, -11.3548, 95.5649**, and if you desaturate by 10%, it is **121.3880, -8.0793, 71.5737**.

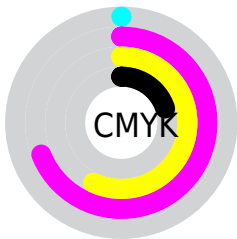
Distribution



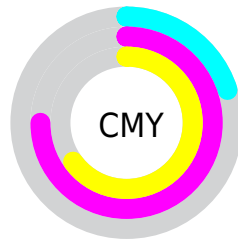
- Red (80%)
- Green (25%)
- Blue (35%)



- Red (80%)
- Yellow (25%)
- Blue (35%)



- Cyan (0%)
- Magenta (69%)
- Yellow (57%)
- Black (20%)



- Cyan (20%)
- Magenta (75%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.7100, -9.7170, 83.5693 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 107.7100, -9.7170, 83.5693 by changing the saturation by 10% instead.

■ 107.7100, -9.7170,
83.5693

■ 107.7100, -9.7170,
83.5693

255.0000, 0.0000,
0.0000

■ 77.3340, -6.0807,
83.8991

■ 161.8300,
-11.7482, 81.7101

■ 47.6590, -2.2969,
83.6141

■ 181.2300, -8.4944,
64.6963

■ 36.4090, -6.6106,
67.1703

■ 200.7440, -4.8038,
47.5825

■ 25.1160, -12.3822,
51.6413

■ 220.9590, -0.9658,
29.8540

■ 17.2710, -7.5286,
34.8423

■ 241.1740, 2.8722,
12.1254

■ 4.1860, -2.0637,
8.6069

■ 0.0000, 0.0000,

0.0000

■ 107.7100, -9.7170,
83.5693

■ 107.7100, -9.7170,
83.5693

■ 94.0320, -11.3548,
95.5649

■ 121.3880, -8.0793,
71.5737

■ 79.8810, -12.2663,
107.9754

■ 135.5390, -7.1677,
59.1633

■ 66.2030, -13.9041,
119.9710

■ 149.2170, -5.5300,
47.1677

■ 64.8010, -14.1989,
121.2005

■ 162.8950, -3.8922,
35.1721

■ 177.0460, -2.9807,
22.7617

■ 190.7240, -1.3429,
10.7661

■ 204.4020, 0.2948,
-1.2296

■ 217.9660, 1.4958,
-13.1252

■ 232.2310, 2.8441,
-25.6356

Harmonies

Analogous

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



111.5940, 13.0182, 71.3931



107.7100, -9.7170, 83.5693



109.0200, -33.5339, 69.2655

Triad

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



107.7100, -9.7170, 83.5693



95.5100, -27.3664, -42.5433



98.1300, 56.1379, -86.0600

Complementary

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



107.7100, -9.7170, 83.5693



158.2900, 9.7170, -83.5693

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.



100.5630, 42.6134, -88.1938



107.7100, -9.7170, 83.5693



90.0920, -0.0454, -79.0107

Square

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



107.7100, -9.7170, 83.5693



104.2160, -51.3785, 5.9496



96.7210, 22.8155, -84.8243



107.4610, 51.0447, -38.9923

Rectangle

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



107.7100, -9.7170, 83.5693



107.9690, -49.7777, 52.6472



96.7210, 22.8155, -84.8243



99.9080, 52.7964, -87.6193

Sweetspot

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



107.7100, -9.7170, 83.5693



218.2860, -3.5920, 32.1982



113.0460, 44.3473, 56.0877



106.1380, -2.5330, 19.1730



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.



107.7100, -9.7170, 83.5693



110.7200, -14.6520, 126.5336



130.6880, -33.3702, 63.4176



95.2180, -0.6005, 5.9478



53.0540, -11.3656, 99.0536



12.1600, -2.5439, 22.6617

Inverse Universe

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



107.7100, -9.7170, 83.5693



110.7200, -14.6520, 126.5336



135.3120, 33.3702, -63.4176



95.2180, -0.6005, 5.9478



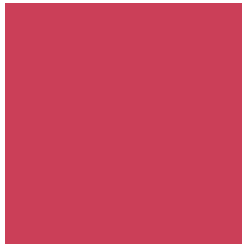
53.0540, -11.3656, 99.0536



12.1600, -2.5439, 22.6617

Previews

White Background



This preview shows how the YUV color 107.7100, -9.7170, 83.5693 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 107.7100, -9.7170, 83.5693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

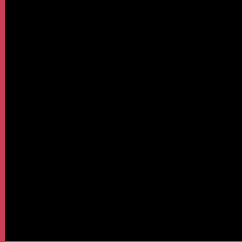
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.7100, -9.7170, 83.5693

Background



This preview shows how black text looks on a background with the YUV color 107.7100, -9.7170, 83.5693.



This preview shows how white text looks on a background with the YUV color 107.7100, -9.7170,

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

107.7100, -9.7170, 83.5693

Protanopia

115.6690, -1.3158, 2.0443

Deuteranopia

114.7670, -16.6471, 19.4983



Tritanopia

107.1200, -18.3002, 83.2098

Trichromacy



Original Color

107.7100, -9.7170, 83.5693

Protanomaly

112.7590, -4.3182, 31.7834

Deuteranomaly

112.3060, -13.9549, 42.7046

Tritanomaly

107.3310, -14.9532, 83.0247

Monochromacy



Original Color

107.7100, -9.7170, 83.5693

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.2750, -3.5866, 30.4538

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.7100, -9.7170, 83.5693 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(203, 63, 88)` looks like.

```
.text, #text, p{  
    color:rgb(203, 63, 88)  
}
```

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(203, 63, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 63, 88) }
```

Border

The CSS property to change the border of an element to YUV 107.7100, -9.7170, 83.5693 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(203, 63, 88) }
```


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

```
.border{ border-color:rgb(203, 63, 88) }
```

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

Here you see how a box with a 4 pixel rgb(203, 63, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 63, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 63, 88);  
box-shadow:4px 4px 4px 4px rgb(203, 63,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 107.7100, -9.7170, 83.5693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 63, 88) }
```

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

```
.background{ background-color: rgb(203, 63,  
88) }
```

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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