

Converting Colors

YUV(99.3340, -6.0807, 83.8991)

Have a look what the booklet for
YUV(99.3340, -6.0807, 83.8991)
contains.

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Color

**YUV(99.3340, -6.0807,
83.8991)**

Conversions

Conversions Part 1

Format	Color
Hex	C33557
RGB	195, 53, 87
RGB Percent	76%, 21%, 34%
CMY	0.2353, 0.7922, 0.6588
CMYK	0.00, 0.73, 0.55, 0.24
HSL	346°, 57%, 49%
HSV	346°, 73%, 76%
XYZ	25.4991, 14.8364, 10.5366
YIQ	99.3340, 73.7180, 40.6780

Conversions

Conversions Part 2

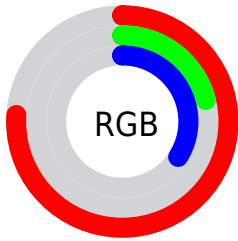
Format	Color
R_{YB}	195, 53, 87
Decimal	12793175
CIE Lab	45.41, 57.78, 14.06
CIE LCh	45, 59.467, 13.673
Yxy	14.8364, 0.5012, 0.2916
Android (android.graphics.Color)	4290983255 (0xFFC33557)
YUV	99.3340, -6.0807, 83.8991
Hunter-Lab	38.5181, 50.7609, 10.7439

Details

The YUV color **99.3340, -6.0807, 83.8991** 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 **148.6660, 6.0807, -83.8991**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.4330, -9.5805, 86.4433**, and **45.1530, -1.5544, 78.7958** is the 20% darker color. If you saturate the color by 10%, you get **86.4710, -7.1342, 95.1799**, and if you desaturate by 10%, it is **112.7840, -5.3165, 72.1034**.

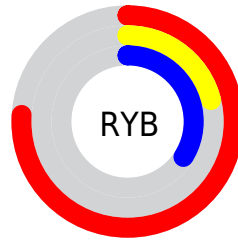
Distribution



Red (76%)

Green (21%)

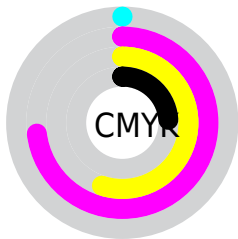
Blue (34%)



Red (76%)

Yellow (21%)

Blue (34%)

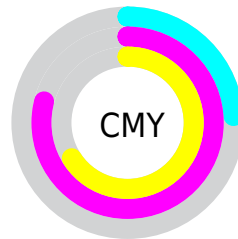


Cyan (0%)

Magenta (73%)

Yellow (55%)

Black (24%)



Cyan (24%)

Magenta (79%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.3340, -6.0807, 83.8991 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 99.3340, -6.0807, 83.8991 by changing the saturation by 10% instead.

■ 99.3340, -6.0807,
83.8991

■ 99.3340, -6.0807,
83.8991

255.0000, 0.0000,
0.0000

■ 66.0230, -0.9973,
86.8028

■ 156.4330, -9.5805,
86.4433

■ 45.1530, -1.5544,
78.7958

■ 175.8330, -6.3267,
69.4295

■ 34.2020, -6.0156,
62.9668

■ 195.3470, -2.6361,
52.3157

■ 23.1370, -10.9135,
47.2379

■ 215.4480, 0.7651,
34.6871

■ 14.8790, -6.3493,
29.9241

■ 235.7770, 5.0399,
16.8586

■ 0.0000, 0.0000,
0.0000

254.4130, 0.2894,

0.5148

■ 99.3340, -6.0807,
83.8991

■ 99.3340, -6.0807,
83.8991

■ 86.4710, -7.1342,
95.1799

■ 112.7840, -5.3165,
72.1034

■ 73.0210, -7.8984,
106.9756

■ 125.6470, -4.2630,
60.8226

■ 63.6630, -8.2149,
115.1825

■ 138.3960, -3.6462,
49.6417

■ 151.8460, -2.8821,
37.8461

■ 165.2960, -2.1179,
26.0504

■ 178.1590, -1.0644,
14.7696

■ 191.0220, -0.0108,
3.4887

■ 204.4720, 0.7533,
-8.3069

■ 217.8080, 1.0807,
-20.0026

Harmonies

Analogous

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



104.6690, 15.9392, 67.8193



99.3340, -6.0807, 83.8991



101.5410, -30.3397, 71.4395

Triad

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



99.3340, -6.0807, 83.8991



89.8160, -31.4613, -35.7956



94.1690, 53.6537, -82.5862

Complementary

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



99.3340, -6.0807, 83.8991



148.6660, 6.0807, -83.8991

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.



95.0860, 39.3976, -83.3904



99.3340, -6.0807, 83.8991



84.0280, -2.9718, -73.6926

Square

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



99.3340, -6.0807, 83.8991



98.3350, -48.4792, 9.3532



91.1300, 19.1629, -79.9210



92.1700, 55.6252, -61.5391

Rectangle

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



99.3340, -6.0807, 83.8991



101.1480, -47.8940, 55.1212



91.1300, 19.1629, -79.9210



95.2460, 50.1647, -83.5307

Sweetspot

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



99.3340, -6.0807, 83.8991



214.9270, -2.4290, 32.5130



100.8820, 46.4002, 50.9695



105.0780, -1.5175, 20.1026



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.



99.3340, -6.0807, 83.8991



104.4090, -9.5686, 129.4373



116.5900, -31.3499, 68.7656



90.3320, -0.1637, 5.8478



52.4710, -7.1342, 95.1799



10.7790, -1.3700, 19.4878

Inverse Universe

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



99.3340, -6.0807, 83.8991



104.4090, -9.5686, 129.4373



131.4100, 31.3499, -68.7656



90.3320, -0.1637, 5.8478



52.4710, -7.1342, 95.1799



10.7790, -1.3700, 19.4878

Previews

White Background



This preview shows how the YUV color 99.3340, -6.0807, 83.8991 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 99.3340, -6.0807, 83.8991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

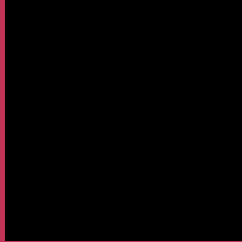
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.3340, -6.0807, 83.8991

Background



This preview shows how black text looks on a background with the YUV color 99.3340, -6.0807, 83.8991.



This preview shows how white text looks on a background with the YUV color 99.3340, -6.0807,

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

99.3340, -6.0807, 83.8991

Protanopia

108.9830, 2.4734, 0.0149

Deuteranopia

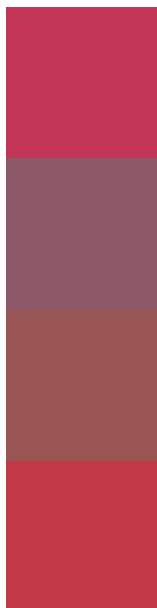
108.4400, -14.0209, 17.1541



Tritanopia

99.0060, -18.7370, 83.3097

Trichromacy



Original Color

99.3340, -6.0807, 83.8991

Protanomaly

105.3720, -0.6764, 30.3688

Deuteranomaly

104.8050, -10.7499, 41.3900

Tritanomaly

98.8580, -14.2270, 83.4395

Monochromacy



Original Color

99.3340, -6.0807, 83.8991

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.0300, -1.9868, 30.6687

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.3340, -6.0807, 83.8991 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(195, 53, 87)` looks like.

```
.text, #text, p{  
    color:rgb(195, 53, 87)  
}
```

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(195, 53, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 53, 87) }
```

Border

The CSS property to change the border of an element to YUV 99.3340, -6.0807, 83.8991 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(195, 53, 87) }
```


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

```
.border{ border-color:rgb(195, 53, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 53, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 53, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 53, 87);  
box-shadow:4px 4px 4px 4px rgb(195, 53,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 99.3340, -6.0807, 83.8991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 53, 87) }
```

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

```
.background{ background-color: rgb(195, 53,  
87) }
```

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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