

Converting Colors

YUV(99.3310, 58.9968, 70.7467)

Have a look what the booklet for
YUV(99.3310, 58.9968, 70.7467)
contains.

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Color

**YUV(99.3310, 58.9968,
70.7467)**

Conversions

Conversions Part 1

Format	Color
Hex	B423DB
RGB	180, 35, 219
RGB Percent	71%, 14%, 86%
CMY	0.2941, 0.8627, 0.1412
CMYK	0.18, 0.84, 0.00, 0.14
HSL	287°, 72%, 50%
HSV	287°, 84%, 86%
XYZ	32.2096, 16.0198, 68.4123
YIQ	99.3310, 27.3560, 87.9640

Conversions

Conversions Part 2

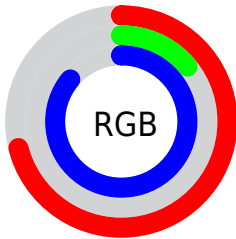
Format	Color
R_{YB}	180, 35, 219
Decimal	11805659
CIE _{Lab}	47.00, 77.04, -62.68
CIE _{LCh}	47, 99.315, 320.869
Yxy	16.0198, 0.2761, 0.1373
Android (android.graphics.Color)	4289995739 (0xFFB423DB)
YUV	99.3310, 58.9968, 70.7467
Hunter-Lab	40.0248, 73.6030, -73.3240

Details

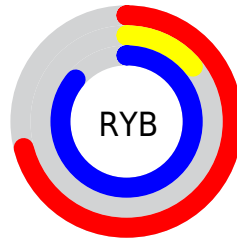
The YUV color **99.3310, 58.9968, 70.7467** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **154.6690, -58.9968, -70.7467**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.1170, 46.7773, 70.0574**, and **55.0600, 53.2144, 58.7064** is the 20% darker color. If you saturate the color by 10%, you get **84.9220, 66.1005, 78.9984**, and if you desaturate by 10%, it is **113.7400, 51.8932, 62.4950**.

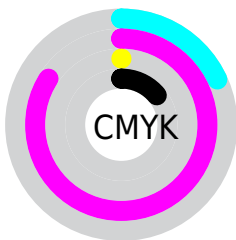
Distribution



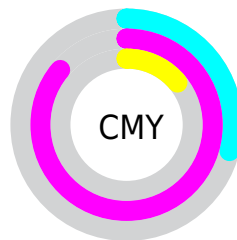
- Red (71%)
- Green (14%)
- Blue (86%)



- Red (71%)
- Yellow (14%)
- Blue (86%)



- Cyan (18%)
- Magenta (84%)
- Yellow (0%)
- Black (14%)





- Cyan (29%)
- Magenta (86%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 99.3310, 58.9968, 70.7467 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 99.3310, 58.9968, 70.7467 by changing the saturation by 10% instead.


 99.3310, 58.9968,
70.7467


 99.3310, 58.9968,
70.7467


255.0000, 0.0000,
0.0000


 66.9230, 61.1700,
73.7355


 160.1170, 46.7773,
70.0574


 55.0600, 53.2144,
58.7064


 182.2120, 35.8845,
63.8351


 43.3110, 45.6957,
43.5773


 199.2350, 27.4921,
48.9059

 31.3770, 38.7611,
27.7334

 216.2580, 19.0998,
33.9767

 19.7420, 31.6792,
12.5043

 233.2810, 10.7075,
19.0476

 6.8400, 26.2079,
-5.9987

 250.8910, 2.0257,

 5.3920, 15.5827,

3.6036

-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 99.3310, 58.9968,
70.7467

■ 99.3310, 58.9968,
70.7467

■ 84.9220, 66.1005,
78.9984

■ 113.7400, 51.8932,
62.4950

■ 76.6930, 70.1574,
84.4612

■ 127.8500, 44.9370,
53.6286

■ 142.2590, 37.8333,
45.3769

■ 156.6680, 30.7297,
37.1252

■ 170.7780, 23.7734,
28.2587

■ 184.6000, 16.9592,
20.5218

■ 198.7100, 10.0030,
11.6553

■ 213.1190, 2.8993,
3.4036

■ 227.5280, -4.2043,
-4.8481

Harmonies

Analogous

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



88.9440, 81.8656, -78.0039



99.3310, 58.9968, 70.7467



87.8340, 26.2108, 133.4496

Triad

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



99.3310, 58.9968, 70.7467



105.0560, -51.7926, 45.5549



103.2070, 32.4359, -90.5125

Complementary

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



99.3310, 58.9968, 70.7467



154.6690, -58.9968, -70.7467

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.



92.1150, -4.9867, -80.7849



99.3310, 58.9968, 70.7467



96.9960, -47.8190, -15.7825

Square

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



99.3310, 58.9968, 70.7467



89.8140, -44.2783, 108.9111



79.8320, -39.3572, -70.0127



110.9420, 64.6116, -97.2961

Rectangle

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



99.3310, 58.9968, 70.7467



84.2550, 0.8603, 144.4814



79.8320, -39.3572, -70.0127



100.0150, 20.2056, -87.7132

Sweetspot

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



99.3310, 58.9968, 70.7467



213.2460, 20.5847, 24.3403



79.4560, 68.7952, -38.9879



102.4160, 12.6129, 14.5442



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.



99.3310, 58.9968, 70.7467



89.1690, 81.7547, 98.0758



105.0640, 30.5344, 99.9219



102.6460, 3.6255, 3.8185



60.6850, 55.3713, 66.9283



16.0080, 14.7861, 17.5330

Inverse Universe

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



94.4620, -10.0878, 109.2198



82.4010, -14.0017, 151.3693



148.9360, -30.5344, -99.9219



102.5170, -0.7479, 6.5626



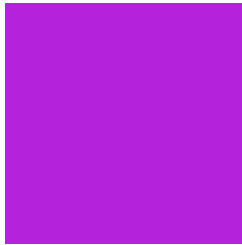
55.9450, -9.3399, 102.6572



14.8940, -2.4127, 27.2800

Previews

White Background



This preview shows how the YUV color 99.3310, 58.9968, 70.7467 looks on a white background.

Color Contrast Check

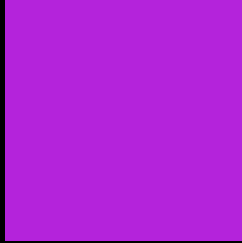
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.3310, 58.9968, 70.7467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

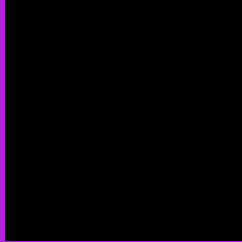
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.3310, 58.9968, 70.7467

Background



This preview shows how black text looks on a background with the YUV color 99.3310, 58.9968, 70.7467.



This preview shows how white text looks on a background with the YUV color 99.3310, 58.9968,

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

99.3310, 58.9968, 70.7467

Protanopia

89.3880, 68.3357, -78.3933

Deuteranopia

89.8320, 54.8058, -78.7827



Tritanopia

112.6250, -7.7031, 44.1789

Trichromacy



Original Color

99.3310, 58.9968, 70.7467



Protanomaly

92.6320, 65.2574, -24.2333



Deuteranomaly

93.0420, 56.6743, -24.5928



Tritanomaly

107.6950, 16.4194, 53.7645

Monochromacy



Original Color

99.3310, 58.9968, 70.7467



Achromatopsia

99.0000, 0.0000, 0.0000



Achromatomaly

99.1860, 21.6003, 25.2699

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.3310, 58.9968, 70.7467 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(180, 35, 219)` looks like.

```
.text, #text, p{  
    color:rgb(180, 35, 219)  
}
```

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(180, 35, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 35, 219) }
```

Border

The CSS property to change the border of an element to YUV 99.3310, 58.9968, 70.7467 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(180, 35, 219) }
```


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

```
.border{ border-color:rgb(180, 35, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 35, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 35, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 35, 219);  
box-shadow:4px 4px 4px 4px rgb(180, 35,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 99.3310, 58.9968, 70.7467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 35, 219) }
```

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

```
.background{ background-color: rgb(180, 35,  
219) }
```

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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