

Converting Colors

YUV(106.4950, 33.2800,
59.2019)

Have a look what the booklet for
YUV(106.4950, 33.2800, 59.2019)
contains.

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Color

**YUV(106.4950, 33.2800,
59.2019)**

Conversions

Conversions Part 1

Format	Color
Hex	AE3BAE
RGB	174, 59, 174
RGB Percent	68%, 23%, 68%
CMY	0.3176, 0.7686, 0.3176
CMYK	0.00, 0.66, 0.00, 0.32
HSL	300°, 49%, 46%
HSV	300°, 66%, 68%
XYZ	26.6595, 15.1826, 41.5698
YIQ	106.4950, 31.6250, 60.1450

Conversions

Conversions Part 2

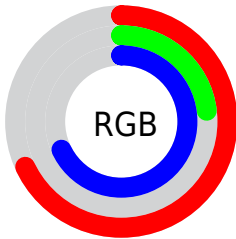
Format	Color
RYB	174, 59, 174
Decimal	11418542
CIELab	45.88, 60.56, -38.39
CIELCh	46, 71.704, 327.625
Yxy	15.1826, 0.3196, 0.1820
Android (android.graphics.Color)	4289608622 (0xFFAE3BAE)
YUV	106.4950, 33.2800, 59.2019
Hunter-Lab	38.9648, 53.9401, -35.9784

Details

The YUV color **106.4950, 33.2800, 59.2019** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **126.5050, -33.2800, -59.2019**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.0930, 32.9852, 60.4314**, and **49.0760, 35.4585, 60.4463** is the 20% darker color. If you saturate the color by 10%, you get **96.5160, 38.1996, 67.9535**, and if you desaturate by 10%, it is **116.4740, 28.3603, 50.4503**.

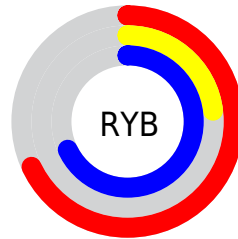
Distribution



Red (68%)

Green (23%)

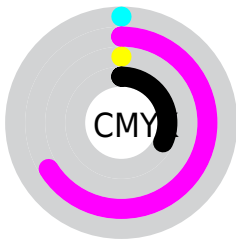
Blue (68%)



Red (68%)

Yellow (23%)

Blue (68%)

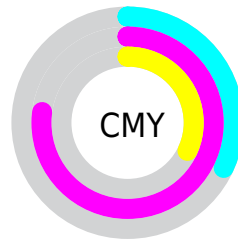


Cyan (0%)

Magenta (66%)

Yellow (0%)

Black (32%)



Cyan (32%)


Magenta (77%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.4950, 33.2800, 59.2019 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 106.4950, 33.2800, 59.2019 by changing the saturation by 10% instead.


 106.4950, 33.2800,
59.2019


 106.4950, 33.2800,
59.2019


255.0000, 0.0000,
0.0000


 75.6740, 35.1637,
61.6759


 163.0930, 32.9852,
60.4314


 49.0760, 35.4585,
60.4463


 189.2560, 32.4118,
57.6575

 38.1530, 28.5186,
46.3468


 205.6920, 24.3088,
43.2431

 27.2300, 21.5786,
32.2473

 222.7150, 15.9165,
28.3139

 17.1330, 15.2174,
19.1774

 239.7380, 7.5242,
13.3848

 3.5510, 11.0674,
-3.1142

 0.0000, 0.0000,

0.0000

■ 106.4950, 33.2800,
59.2019

■ 106.4950, 33.2800,
59.2019

■ 96.5160, 38.1996,
67.9535

■ 116.4740, 28.3603,
50.4503

■ 85.9500, 43.4087,
77.2199

■ 127.0400, 23.1513,
41.1839

■ 75.9710, 48.3283,
85.9714

■ 137.0190, 18.2316,
32.4323

■ 71.8620, 50.3540,
89.5750

■ 147.5850, 13.0226,
23.1660

■ 157.5640, 8.1029,
14.4144

■ 167.5430, 3.1833,
5.6628

■ 178.1090, -2.0257,
-3.6036

■ 188.0880, -6.9454,
-12.3552

■ 198.6540,
-12.1544, -21.6216

Harmonies

Analogous

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



106.7010, 53.8844, -16.4008



106.4950, 33.2800, 59.2019



87.1560, 14.2201, 105.9802

Triad

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



106.4950, 33.2800, 59.2019



102.2990, -50.4334, 29.5558



97.2400, 32.4197, -85.2795

Complementary

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



106.4950, 33.2800, 59.2019



126.5050, -33.2800, -59.2019

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.



89.6990, 6.0644, -78.6660



106.4950, 33.2800, 59.2019



94.0500, -46.3666, -14.9528

Square

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



106.4950, 33.2800, 59.2019



99.9050, -49.2532, 71.1203



80.5280, -21.4593, -70.6231



100.2500, 54.1067, -87.9193

Rectangle

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



106.4950, 33.2800, 59.2019



87.7160, -5.2830, 108.1201



80.5280, -21.4593, -70.6231



95.0740, 24.1205, -83.3799

Sweetspot

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



106.4950, 33.2800, 59.2019



200.5850, 13.0226, 23.1660



72.1100, 50.2318, -11.4975



98.5640, 8.1029, 14.4144



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



106.4950, 33.2800, 59.2019



121.9270, 51.8010, 92.1490



99.9970, 8.3825, 64.9006



81.7170, 2.6045, 4.6332



61.9500, 43.4087, 77.2198



9.4990, 6.6560, 11.8404

Inverse Universe

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



106.4950, 33.2800, 59.2019



121.9270, 51.8010, 92.1490



133.1170, -7.9457, -65.0006



81.7170, 2.6045, 4.6332



61.9500, 43.4087, 77.2198



9.4990, 6.6560, 11.8404

Previews

White Background



This preview shows how the YUV color 106.4950, 33.2800, 59.2019 looks on a white background.

Color Contrast Check

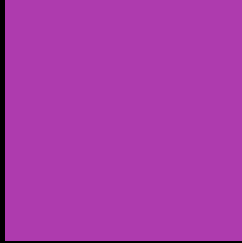
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.4950, 33.2800, 59.2019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

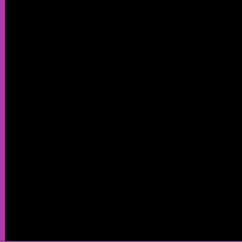
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.4950, 33.2800, 59.2019

Background



This preview shows how black text looks on a background with the YUV color 106.4950, 33.2800, 59.2019.



This preview shows how white text looks on a background with the YUV color 106.4950, 33.2800,

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

106.4950, 33.2800, 59.2019

Protanopia

97.8380, 59.2399, -54.2319

Deuteranopia

107.4250, 28.8775, -22.2977



Tritanopia

109.3050, -9.0244, 47.9675

Trichromacy



Original Color

106.4950, 33.2800, 59.2019



Protanomaly

100.9850, 49.8004, -13.1418



Deuteranomaly

107.0680, 30.5325, 6.9564



Tritanomaly

108.6380, 6.0945, 52.0605

Monochromacy



Original Color

106.4950, 33.2800, 59.2019



Achromatopsia

106.0000, 0.0000, 0.0000



Achromatomaly

106.3460, 12.1544, 21.6216

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.4950, 33.2800, 59.2019 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(174, 59, 174)` looks like.

```
.text, #text, p{  
    color:rgb(174, 59, 174)  
}
```

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(174, 59, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 59, 174) }
```

Border

The CSS property to change the border of an element to YUV 106.4950, 33.2800, 59.2019 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(174, 59, 174) }
```


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

```
.border{ border-color:rgb(174, 59, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 59, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 59, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 59, 174);  
box-shadow:4px 4px 4px 4px rgb(174, 59,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 106.4950, 33.2800, 59.2019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 59, 174) }
```

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

```
.background{ background-color: rgb(174, 59,  
174) }
```

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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