

Converting Colors

YUV(59.3450, 33.8469, 17.2374)

Have a look what the booklet for
YUV(59.3450, 33.8469, 17.2374)
contains.

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Color

**YUV(59.3450, 33.8469,
17.2374)**

Conversions

Conversions Part 1

Format	Color
Hex	4F2480
RGB	79, 36, 128
RGB Percent	31%, 14%, 50%
CMY	0.6902, 0.8588, 0.4980
CMYK	0.38, 0.72, 0.00, 0.50
HSL	268°, 56%, 32%
HSV	268°, 72%, 50%
XYZ	7.7516, 4.4825, 20.8787
YIQ	59.3450, -3.9040, 37.7280

Conversions

Conversions Part 2

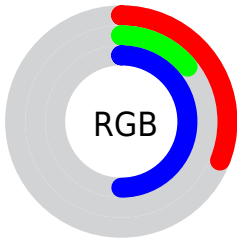
Format	Color
R_{YB}	79, 36, 128
Decimal	5186688
CIE _{Lab}	25.21, 39.22, -44.28
CIE _{LCh}	25, 59.153, 311.527
Yxy	4.4825, 0.2341, 0.1354
Android (android.graphics.Color)	4283376768 (0xFF4F2480)
YUV	59.3450, 33.8469, 17.2374
Hunter-Lab	21.1720, 28.3025, -43.6484

Details

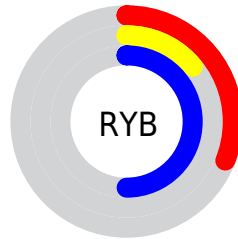
The YUV color **59.3450, 33.8469, 17.2374** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **104.6550, -33.8469, -17.2374**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.5240, 35.7307, 19.7115**, and **16.6660, 30.2377, 8.1859** is the 20% darker color. If you saturate the color by 10%, you get **49.6210, 38.6408, 19.6264**, and if you desaturate by 10%, it is **69.0690, 29.0530, 14.8485**.

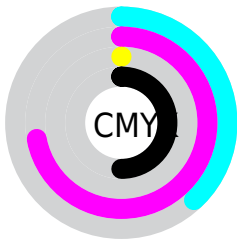
Distribution



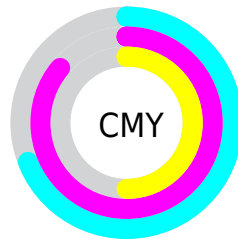
- Red (31%)
- Green (14%)
- Blue (50%)



- Red (31%)
- Yellow (14%)
- Blue (50%)



- Cyan (38%)
- Magenta (72%)
- Yellow (0%)
- Black (50%)



- Cyan (69%)
- Magenta (86%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.3450, 33.8469, 17.2374 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 59.3450, 33.8469, 17.2374 by changing the saturation by 10% instead.

■ 59.3450, 33.8469,
17.2374

■ 59.3450, 33.8469,
17.2374

■ 255.0000, 0.0000,
0.0000

■ 33.9320, 33.5575,
16.7226

■ 109.5240, 35.7307,
19.7115

■ 16.6660, 30.2377,
8.1859

■ 136.3500, 36.3095,
20.7411

■ 6.1560, 23.5871,
-5.3988

■ 163.1760, 36.8882,
21.7706

■ 4.8220, 13.3988,
-4.2289

■ 188.7480, 32.6622,
23.9000

■ 0.4560, 1.7472,
-0.3999

■ 213.8550, 20.2845,
27.3142

■ 0.0000, 0.0000,
0.0000

■ 233.2810, 10.7075,

19.0476

250.3040, 2.3151,
4.1184

59.3450, 33.8469,
17.2374

59.3450, 33.8469,
17.2374

49.6210, 38.6408,
19.6264

69.0690, 29.0530,
14.8485

39.8970, 43.4348,
22.0153

78.7930, 24.2591,
12.4595

32.5320, 47.0657,
24.0894

87.6310, 19.9019,
9.9706

97.3550, 15.1080,
7.5817

107.0790, 10.3141,
5.1927

■ 116.8030, 5.5201,
2.8038

■ 126.5270, 0.7262,
0.4148

■ 135.6640, -3.7784,
-1.4593

■ 145.0890, -8.4249,
-4.4631

Harmonies

Analogous

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



52.7930, 47.4301, -46.2995



59.3450, 33.8469, 17.2374



46.9230, 20.7440, 66.7195

Triad

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



59.3450, 33.8469, 17.2374



56.2930, -27.7524, 34.8230



53.9770, 11.3503, -47.3378

Complementary

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



59.3450, 33.8469, 17.2374



104.6550, -33.8469, -17.2374

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.



47.9180, -9.3266, -42.0241



59.3450, 33.8469, 17.2374



55.2090, -27.2180, 3.3247

Square

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



59.3450, 33.8469, 17.2374



43.8210, -21.6038, 69.4400



42.2640, -20.8362, -37.0655



58.7650, 29.6959, -51.5369

Rectangle

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



59.3450, 33.8469, 17.2374



46.6070, 6.6027, 75.7667



42.2640, -20.8362, -37.0655



52.1530, 4.3616, -45.7382

Sweetspot

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



59.3450, 33.8469, 17.2374



138.3010, 13.6556, 6.7520



75.2510, 26.0053, -34.4231



67.4980, 8.1355, 3.9483



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



59.3450, 33.8469, 17.2374



59.3350, 52.5858, 26.8932



73.0990, 27.0662, 45.5172



58.6950, 2.6154, 1.1445



32.5320, 47.0657, 24.0894



0.0000, 0.0000, 0.0000

Inverse Universe

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



69.0940, 7.8417, 51.6606



74.4210, 12.1174, 80.3148



90.9010, -27.0662, -45.5172



59.5490, 0.7153, 3.9035



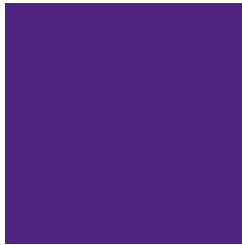
46.0240, 10.8342, 71.8930



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 59.3450, 33.8469, 17.2374 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 ✓ Pass

Black Background



This preview shows how the YUV color 59.3450, 33.8469, 17.2374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

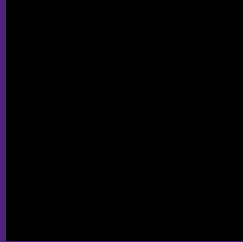
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.3450, 33.8469, 17.2374

Background



This preview shows how black text looks on a background with the YUV color 59.3450, 33.8469, 17.2374.



This preview shows how white text looks on a background with the YUV color 59.3450, 33.8469,

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

59.3450, 33.8469, 17.2374

Protanopia

48.0680, 36.9415, -42.1556

Deuteranopia

48.5920, 28.7951, -42.6152



Tritanopia

60.6630, 1.1521, 3.8035

Trichromacy



Original Color

59.3450, 33.8469, 17.2374

Protanomaly

52.2710, 35.8554, -20.4087

Deuteranomaly

52.8920, 30.6192, -20.9533

Tritanomaly

60.1980, 13.2134, 8.5964

Monochromacy



Original Color

59.3450, 33.8469, 17.2374

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.2470, 12.2032, 5.9224

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.3450, 33.8469, 17.2374 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(79, 36, 128)` looks like.

```
.text, #text, p{  
    color:rgb(79, 36, 128)  
}
```

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(79, 36, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 36, 128) }
```

Border

The CSS property to change the border of an element to YUV 59.3450, 33.8469, 17.2374 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(79, 36, 128) }
```


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

```
.border{ border-color:rgb(79, 36, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 36, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 36, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 36, 128);  
box-shadow:4px 4px 4px 4px rgb(79, 36,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 59.3450, 33.8469, 17.2374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 36, 128) }
```

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

```
.background{ background-color: rgb(79, 36,  
128) }
```

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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