

Converting Colors

YUV(59.1030, 37.9102, 67.4387)

Have a look what the booklet for
YUV(59.1030, 37.9102, 67.4387)
contains.

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Color

**YUV(59.1030, 37.9102,
67.4387)**

Conversions

Conversions Part 1

Format	Color
Hex	880588
RGB	136, 5, 136
RGB Percent	53%, 2%, 53%
CMY	0.4667, 0.9804, 0.4667
CMYK	0.00, 0.96, 0.00, 0.47
HSL	300°, 93%, 28%
HSV	300°, 96%, 53%
XYZ	14.6515, 7.1204, 23.8947
YIQ	59.1030, 36.0250, 68.5130

Conversions

Conversions Part 2

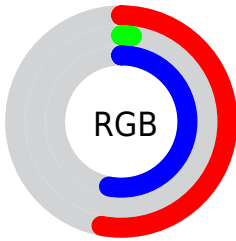
Format	Color
RYB	136, 5, 136
Decimal	8914312
CIELab	32.08, 60.85, -37.74
CIElCh	32, 71.607, 328.194
Yxy	7.1204, 0.3208, 0.1559
Android (android.graphics.Color)	4287104392 (0xFF880588)
YUV	59.1030, 37.9102, 67.4387
Hunter-Lab	26.6840, 51.3131, -34.4136

Details

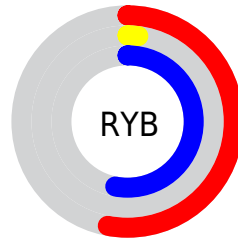
The YUV color **59.1030, 37.9102, 67.4387** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **81.8970, -37.9102, -67.4387**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.9790, 32.5484, 60.5314**, and **33.9090, 25.1879, 41.2988** is the 20% darker color. If you saturate the color by 10%, you get **56.1680, 39.3572, 70.0127**, and if you desaturate by 10%, it is **67.3210, 33.8587, 60.2315**.

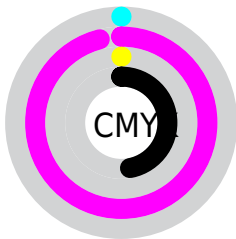
Distribution



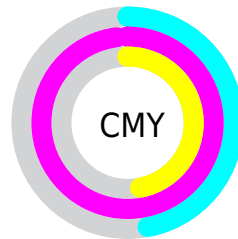
- Red (53%)
- Green (2%)
- Blue (53%)



- Red (53%)
- Yellow (2%)
- Blue (53%)



- Cyan (0%)
- Magenta (96%)
- Yellow (0%)
- Black (47%)



- Cyan (47%)
- Magenta (98%)
- Yellow (47%)
- Black (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.1030, 37.9102, 67.4387 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 59.1030, 37.9102, 67.4387 by changing the saturation by 10% instead.

■ 59.1030, 37.9102,
67.4387

■ 59.1030, 37.9102,
67.4387

■ 255.0000, 0.0000,
0.0000

■ 44.8320, 32.1278,
55.3983

■ 123.9790, 32.5484,
60.5314

■ 33.9090, 25.1879,
41.2988

■ 152.2780, 32.4009,
61.1462

■ 23.8120, 18.8267,
28.2289

■ 180.9900, 32.5429,
62.2758

■ 12.8180, 12.9077,
13.3146

■ 199.2350, 27.4921,
48.9059

■ 2.4110, 6.6994,
-2.1144

■ 215.6710, 19.3892,
34.4915

■ 0.0000, 0.0000,
0.0000

■ 232.6940, 10.9969,

19.5624

250.3040, 2.3151,
4.1184

59.1030, 37.9102,
67.4387

59.1030, 37.9102,
67.4387

56.1680, 39.3572,
70.0127

67.3210, 33.8587,
60.2315

74.9520, 30.0967,
53.5391

83.1700, 26.0452,
46.3319

90.8010, 22.2831,
39.6395

99.0190, 18.2316,
32.4323

■ 107.2370, 14.1802,
25.2252

■ 114.8680, 10.4181,
18.5328

■ 123.0860, 6.3666,
11.3256

■ 130.7170, 2.6045,
4.6332

Harmonies

Analogous

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



69.4290, 53.0325, -23.1782



59.1030, 37.9102, 67.4387



58.9820, 11.3479, 93.8548

Triad

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



59.1030, 37.9102, 67.4387



71.5550, -35.2766, 21.4383



71.5310, 27.8392, -62.7327

Complementary

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



59.1030, 37.9102, 67.4387



81.8970, -37.9102, -67.4387

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.



64.3320, 2.7943, -56.4192



59.1030, 37.9102, 67.4387



62.4310, -30.7785, -21.4260

Square

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



59.1030, 37.9102, 67.4387



67.0900, -33.0754, 62.1881



55.1780, -27.2028, -48.3911



75.3730, 47.6371, -66.1021

Rectangle

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



59.1030, 37.9102, 67.4387



55.3620, -5.1085, 98.7835



55.1780, -27.2028, -48.3911



69.3650, 19.5401, -60.8331

Sweetspot

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



59.1030, 37.9102, 67.4387



146.0630, 14.7589, 26.2547



19.9340, 57.2205, -13.0971



70.8030, 8.9711, 15.9588



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



59.1030, 37.9102, 67.4387



72.6880, 50.9328, 90.6046



51.6930, 9.5184, 73.9372



64.8910, 2.0257, 3.6036



54.9290, 38.4890, 68.4683



2.0650, 1.4470, 2.5740

Inverse Universe

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



59.1030, 37.9102, 67.4387



72.6880, 50.9328, 90.6046



89.4210, -9.0816, -74.0372



64.8910, 2.0257, 3.6036



54.9290, 38.4890, 68.4683



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 59.1030, 37.9102, 67.4387 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

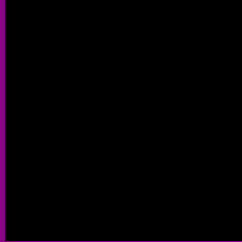
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.1030, 37.9102, 67.4387

Background



This preview shows how black text looks on a background with the YUV color 59.1030, 37.9102, 67.4387.



This preview shows how white text looks on a background with the YUV color 59.1030, 37.9102,

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

59.1030, 37.9102, 67.4387

Protanopia

62.1510, 47.7466, -54.5064

Deuteranopia

74.4310, 26.4095, -24.0570



Tritanopia

76.1690, -9.4503, 44.5788

Trichromacy



Original Color

59.1030, 37.9102, 67.4387



Protanomaly

61.2150, 44.2640, -10.7126



Deuteranomaly

68.4920, 30.8164, 9.2155



Tritanomaly

69.8060, 7.9836, 52.7901

Monochromacy



Original Color

59.1030, 37.9102, 67.4387



Achromatopsia

59.0000, 0.0000, 0.0000



Achromatomaly

58.8240, 13.8908, 24.7104

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.1030, 37.9102, 67.4387 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(136, 5, 136)` looks like.

```
.text, #text, p{  
    color:rgb(136, 5, 136)  
}
```

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(136, 5, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 5, 136) }
```

Border

The CSS property to change the border of an element to YUV 59.1030, 37.9102, 67.4387 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(136, 5, 136) }
```


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

```
.border{ border-color:rgb(136, 5, 136) }
```

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

Here you see how a box with a 4 pixel rgb(136, 5, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 5, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 5, 136);  
box-shadow:4px 4px 4px 4px rgb(136, 5,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 59.1030, 37.9102, 67.4387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 5, 136) }
```

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

```
.background{ background-color: rgb(136, 5,  
136) }
```

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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