

Converting Colors

YUV(43.4810, 57.4439,
-38.1328)

Have a look what the booklet for
YUV(43.4810, 57.4439, -38.1328)
contains.

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Color

**YUV(43.4810, 57.4439,
-38.1328)**

Conversions

Conversions Part 1

Format	Color
Hex	002BA0
RGB	0, 43, 160
RGB Percent	0%, 17%, 63%
CMY	1.0000, 0.8314, 0.3725
CMYK	1.00, 0.73, 0.00, 0.37
HSL	224°, 100%, 31%
HSV	224°, 100%, 63%
XYZ	7.2090, 4.2658, 33.7011
YIQ	43.4810, -63.1850, 27.2710

Conversions

Conversions Part 2

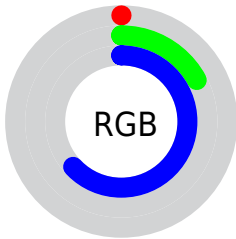
Format	Color
RYB	0, 34, 160
Decimal	11168
CIELab	24.53, 36.94, -65.41
CIELCh	25, 75.119, 299.460
Yxy	4.2658, 0.1596, 0.0944
Android (android.graphics.Color)	4278201248 (0xFF002BA0)
YUV	43.4810, 57.4439, -38.1328
Hunter-Lab	20.6539, 26.1595, -82.2865

Details

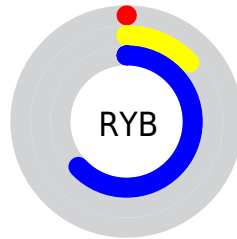
The YUV color **43.4810, 57.4439, -38.1328** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **116.5190, -57.4439, 38.1328**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.4780, 55.4733, -12.6972**, and **13.3720, 46.1586, -11.7272** is the 20% darker color. If you saturate the color by 10%, you get **43.4810, 57.4439, -38.1328**, and if you desaturate by 10%, it is **55.3090, 51.6127, -34.4740**.

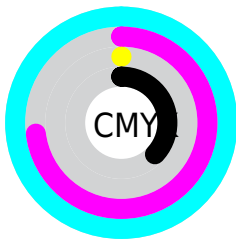
Distribution



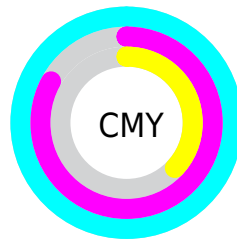
- Red (0%)
- Green (17%)
- Blue (63%)



- Red (0%)
- Yellow (13%)
- Blue (63%)



- Cyan (100%)
- Magenta (73%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (83%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.4810, 57.4439, -38.1328 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 43.4810, 57.4439, -38.1328 by changing the saturation by 10% instead.

■ 43.4810, 57.4439,
-38.1328

■ 43.4810, 57.4439,
-38.1328

■ 255.0000, 0.0000,
0.0000

■ 28.0760, 51.7275,
-24.6227

■ 103.4780, 55.4733,
-12.6972

■ 13.3720, 46.1586,
-11.7272

■ 130.1410, 56.6255,
-8.8937

■ 9.3480, 35.8174,
-8.1982

■ 155.5130, 49.0471,
-4.8349

■ 9.5470, 23.8873,
-8.3727

■ 180.0330, 36.9587,
-0.9059

■ 5.1640, 14.7091,
-4.5288

■ 204.8520, 24.7230,
3.6378

■ 1.1400, 4.3680,
-0.9998

■ 230.2580, 12.1978,

■ 0.0000, 0.0000,

7.6667

0.0000

■ 251.4780, 1.7363,
3.0888

■ 43.4810, 57.4439,
-38.1328

■ 55.3090, 51.6127,
-34.4740

■ 66.5500, 46.0709,
-30.3003

■ 78.3780, 40.2396,
-26.6415

■ 90.2060, 34.4084,
-22.9827

■ 102.0340, 28.5772,
-19.3238

■ 113.2750, 23.0354,
-15.1502

■ 125.1030, 17.2042,
-11.4913

■ 136.9310, 11.3730,
-7.8325

■ 148.1720, 5.8312,
-3.6588

Harmonies

Analogous

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



59.9800, 57.1979, -52.6025



43.4810, 57.4439, -38.1328



49.2180, 33.4165, 62.0758

Triad

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



43.4810, 57.4439, -38.1328



48.4730, -23.8972, 58.3442



51.5830, 2.1776, -45.2383

Complementary

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



43.4810, 57.4439, -38.1328



116.5190, -57.4439, 38.1328

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.



44.0250, -21.7043, -38.6099



43.4810, 57.4439, -38.1328



55.2860, -27.2560, 15.5352

Square

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



43.4810, 57.4439, -38.1328



43.2130, -19.3320, 87.5132



41.0900, -20.2574, -36.0359



59.3690, 26.9331, -52.0666

Rectangle

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



43.4810, 57.4439, -38.1328



51.9910, 14.3014, 79.8149



41.0900, -20.2574, -36.0359



49.1890, -6.9952, -43.1388

Sweetspot

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



43.4810, 57.4439, -38.1328



163.1610, 22.5986, -15.0502



107.0300, 3.9292, -93.8653



77.2020, 13.7044, -8.9472



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



43.4810, 57.4439, -38.1328



56.6980, 75.0849, -49.7241



28.7050, 64.7284, 5.5207



73.0860, 2.9156, -1.8294



38.6080, 51.4653, -33.8592



4.0580, 5.3944, -3.5589

Inverse Universe

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



52.7420, -4.8028, 94.0653



68.8750, -6.3474, 122.8896



131.2950, -64.7284, -5.5207



73.6200, -0.3057, 4.7183



47.0890, -4.4809, 84.1139



4.9410, -0.4639, 8.8217

Previews

White Background



This preview shows how the YUV color 43.4810, 57.4439, -38.1328 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 43.4810, 57.4439, -38.1328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

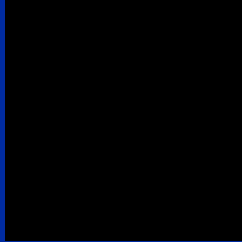
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.4810, 57.4439, -38.1328

Background



This preview shows how black text looks on a background with the YUV color 43.4810, 57.4439, -38.1328.



This preview shows how white text looks on a background with the YUV color 43.4810, 57.4439, -38.1328.

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

43.4810, 57.4439, -38.1328

Protanopia

47.1390, 35.9205, -41.3409

Deuteranopia

47.4350, 26.9005, -41.6005



Tritanopia

46.6080, 11.0393, -40.8752

Trichromacy



Original Color

43.4810, 57.4439, -38.1328

Protanomaly

45.9140, 43.9194, -40.2666

Deuteranomaly

45.7200, 38.0990, -40.0964

Tritanomaly

45.6740, 27.7687, -40.0561

Monochromacy



Original Color

43.4810, 57.4439, -38.1328

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.1180, 21.1408, -14.1355

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.4810, 57.4439, -38.1328 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(0, 43, 160)` looks like.

```
.text, #text, p{  
    color:rgb(0, 43, 160)  
}
```

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(0, 43, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 43, 160) }
```

Border

The CSS property to change the border of an element to YUV 43.4810, 57.4439, -38.1328 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(0, 43, 160) }
```


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

```
.border{ border-color:rgb(0, 43, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 43, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 43, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 43, 160);  
box-shadow:4px 4px 4px 4px rgb(0, 43, 160)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.4810, 57.4439, -38.1328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 43, 160) }
```

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

```
.background{ background-color: rgb(0, 43,  
160) }
```

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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