

Converting Colors

YUV(44.8370, 47.4084,
-39.3220)

Have a look what the booklet for
YUV(44.8370, 47.4084, -39.3220)
contains.

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Color

**YUV(44.8370, 47.4084,
-39.3220)**

Conversions

Conversions Part 1

Format	Color
Hex	00318D
RGB	0, 49, 141
RGB Percent	0%, 19%, 55%
CMY	1.0000, 0.8078, 0.4471
CMYK	1.00, 0.65, 0.00, 0.45
HSL	219°, 100%, 28%
HSV	219°, 100%, 55%
XYZ	5.9060, 4.1197, 25.6832
YIQ	44.8370, -58.7360, 18.2240

Conversions

Conversions Part 2

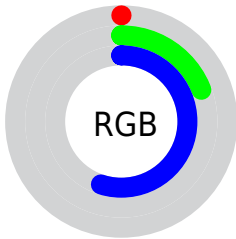
Format	Color
RYB	0, 36, 141
Decimal	12685
CIELab	24.06, 25.35, -54.50
CIELCh	24, 60.108, 294.949
Yxy	4.1197, 0.1654, 0.1154
Android (android.graphics.Color)	4278202765 (0xFF00318D)
YUV	44.8370, 47.4084, -39.3220
Hunter-Lab	20.2971, 16.4199, -60.8155

Details

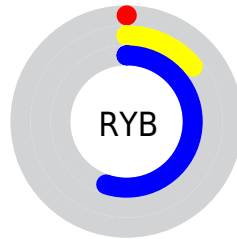
The YUV color **44.8370, 47.4084, -39.3220** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **96.1630, -47.4084, 39.3220**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.6270, 46.0329, -18.0899**, and **14.3690, 37.2861, -12.6016** is the 20% darker color. If you saturate the color by 10%, you get **44.8370, 47.4084, -39.3220**, and if you desaturate by 10%, it is **54.3060, 42.7401, -35.3484**.

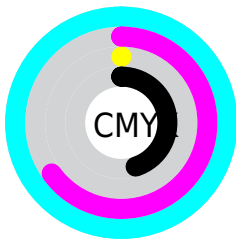
Distribution



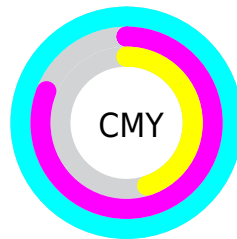
- Red (0%)
- Green (19%)
- Blue (55%)



- Red (0%)
- Yellow (14%)
- Blue (55%)



- Cyan (100%)
- Magenta (65%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (81%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.8370, 47.4084, -39.3220 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 44.8370, 47.4084, -39.3220 by changing the saturation by 10% instead.

■ 44.8370, 47.4084,
-39.3220

■ 44.8370, 47.4084,
-39.3220

■ 255.0000, 0.0000,
0.0000

■ 30.1330, 41.8394,
-26.4266

■ 102.6270, 46.0329,
-18.0899

■ 14.3690, 37.2861,
-12.6016

■ 128.5780, 47.0430,
-15.4159

■ 11.5190, 26.3661,
-10.1022

■ 155.8170, 47.9112,
-13.8715

■ 6.5490, 17.4773,
-5.7435

■ 179.9780, 36.9858,
-9.6277

■ 2.8670, 8.4466,
-2.5144

■ 205.0850, 24.6081,
-6.2135

■ 0.0000, 0.0000,
0.0000

■ 230.4910, 12.0829,

-2.1846

■ 44.8370, 47.4084,
-39.3220

■ 54.3060, 42.7401,
-35.3484

■ 63.7750, 38.0719,
-31.3747

■ 73.8310, 33.1143,
-27.9158

■ 83.3000, 28.4461,
-23.9421

■ 93.0680, 23.6305,
-19.3536

■ 102.5370, 18.9623,
-15.3799

■ 112.0060, 14.2940,
-11.4063

■ 122.0620, 9.3364,
-7.9474

■ 131.5310, 4.6682,
-3.9737

Harmonies

Analogous

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



55.7280, 45.9831, -48.8735



44.8370, 47.4084, -39.3220



48.6090, 30.2658, 45.9469

Triad

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



44.8370, 47.4084, -39.3220



49.3260, -24.3177, 53.2111



48.9100, -0.4486, -42.8941

Complementary

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



44.8370, 47.4084, -39.3220



96.1630, -47.4084, 39.3220

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.



41.6770, -20.5468, -36.5507



44.8370, 47.4084, -39.3220



54.4330, -26.8355, 20.6683

Square

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



44.8370, 47.4084, -39.3220



41.1930, -8.9691, 77.0067



48.6090, -23.9642, -13.6891



54.8550, 19.7915, -48.1078

Rectangle

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



44.8370, 47.4084, -39.3220



46.1250, 17.6864, 67.4194



48.6090, -23.9642, -13.6891



46.4990, -7.1480, -40.7796

Sweetspot

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



44.8370, 47.4084, -39.3220



146.4230, 18.5255, -15.2800



93.2550, -0.6187, -81.7846



69.2190, 11.2310, -8.9621



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



44.8370, 47.4084, -39.3220



58.5440, 61.8498, -51.3431



22.3530, 58.4930, -1.1866



66.5590, 2.1894, -2.2442



42.9790, 45.3664, -37.6926



2.6730, 2.6262, -2.3442

Inverse Universe

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



47.7450, 0.6187, 81.7846



62.3120, 0.8322, 106.7204



118.6470, -58.4930, 1.1866



66.4350, 0.2785, 4.0035



45.7230, 0.6296, 78.2959



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 44.8370, 47.4084, -39.3220 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 44.8370, 47.4084, -39.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

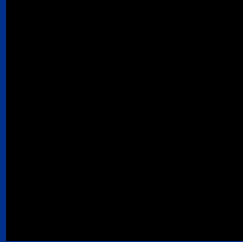
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.8370, 47.4084, -39.3220

Background



This preview shows how black text looks on a background with the YUV color 44.8370, 47.4084, -39.3220.



This preview shows how white text looks on a background with the YUV color 44.8370, 47.4084,

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

44.8370, 47.4084, -39.3220

Protanopia

46.3240, 35.3363, -40.6261

Deuteranopia

46.7340, 26.7531, -40.9857



Tritanopia

45.3200, 11.1812, -39.7456

Trichromacy



Original Color

44.8370, 47.4084, -39.3220

Protanomaly

45.4750, 39.6988, -39.8816

Deuteranomaly

46.0960, 34.4627, -40.4262

Tritanomaly

45.4630, 24.4217, -39.8711

Monochromacy



Original Color

44.8370, 47.4084, -39.3220

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

44.7930, 17.3571, -13.8505

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.8370, 47.4084, -39.3220 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, 49, 141)` looks like.

```
.text, #text, p{  
    color:rgb(0, 49, 141)  
}
```

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, 49, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 49, 141) }
```

Border

The CSS property to change the border of an element to YUV 44.8370, 47.4084, -39.3220 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, 49, 141) }
```


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

```
.border{ border-color:rgb(0, 49, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 49, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 49, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 49, 141);  
box-shadow:4px 4px 4px 4px rgb(0, 49, 141)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.8370, 47.4084, -39.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 49, 141) }
```

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

```
.background{ background-color: rgb(0, 49,  
141) }
```

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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