

Converting Colors

YUV(48.2300, 41.2986,
-39.6667)

Have a look what the booklet for
YUV(48.2300, 41.2986, -39.6667)
contains.

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Color

**YUV(48.2300, 41.2986,
-39.6667)**

Conversions

Conversions Part 1

Format	Color
Hex	033784
RGB	3, 55, 132
RGB Percent	1%, 22%, 52%
CMY	0.9882, 0.7843, 0.4824
CMYK	0.98, 0.58, 0.00, 0.48
HSL	216°, 96%, 26%
HSV	216°, 98%, 52%
XYZ	5.5686, 4.4177, 22.3890
YIQ	48.2300, -55.7090, 12.9230

Conversions

Conversions Part 2

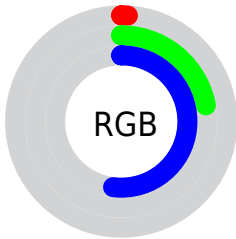
Format	Color
R_YB	3, 40, 132
Decimal	210820
CIE Lab	25.01, 17.44, -47.35
CIE LCh	25, 50.456, 290.224
Yxy	4.4177, 0.1720, 0.1365
Android (android.graphics.Color)	4278400900 (0xFF033784)
YUV	48.2300, 41.2986, -39.6667
Hunter-Lab	21.0183, 10.5100, -48.4438

Details

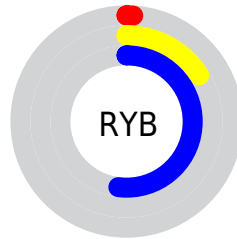
The YUV color **48.2300, 41.2986, -39.6667** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **86.7700, -41.2986, 39.6667**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.1120, 40.3708, -22.0232**, and **17.5660, 31.7660, -15.4054** is the 20% darker color. If you saturate the color by 10%, you get **46.1590, 42.3196, -40.4814**, and if you desaturate by 10%, it is **56.8130, 37.0672, -35.7930**.

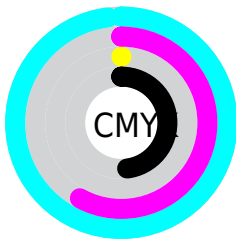
Distribution



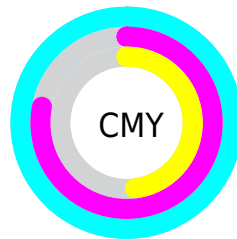
- Red (1%)
- Green (22%)
- Blue (52%)



- Red (1%)
- Yellow (16%)
- Blue (52%)



- Cyan (98%)
- Magenta (58%)
- Yellow (0%)
- Black (48%)



- Cyan (99%)
- Magenta (78%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.2300, 41.2986, -39.6667 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 48.2300, 41.2986, -39.6667 by changing the saturation by 10% instead.

■ 48.2300, 41.2986,
-39.6667

■ 48.2300, 41.2986,
-39.6667

■ 255.0000, 0.0000,
0.0000

■ 32.0420, 36.4613,
-28.1008

■ 104.1120, 40.3708,
-22.0232

■ 17.5660, 31.7660,
-15.4054

■ 130.6500, 41.0916,
-19.8640

■ 9.5470, 23.8873,
-8.3727

■ 157.5900, 42.1071,
-18.9344

■ 5.1640, 14.7091,
-4.5288

■ 182.8910, 35.5497,
-15.6904

■ 1.1400, 4.3680,
-0.9998

■ 207.6990, 23.3194,
-12.8910

■ 0.0000, 0.0000,
0.0000

■ 233.1050, 10.7942,

-8.8621

254.1030, 0.4422,
-1.8443

■ 48.2300, 41.2986,
-39.6667

■ 48.2300, 41.2986,
-39.6667

■ 46.1590, 42.3196,
-40.4814

■ 56.8130, 37.0672,
-35.7930

■ 65.3960, 32.8358,
-31.9193

■ 74.2780, 28.4569,
-27.4308

■ 82.8610, 24.2255,
-23.5571

■ 90.8570, 20.2835,
-19.1686

■ 99.4400, 16.0521,
-15.2949

■ 108.0230, 11.8207,
-11.4212

■ 116.9050, 7.4418,
-6.9327

■ 125.4880, 3.2104,
-3.0590

Harmonies

Analogous

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



55.4200, 39.7259, -48.6033



48.2300, 41.2986, -39.6667



59.0060, 24.6470, 28.0587

Triad

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



48.2300, 41.2986, -39.6667



52.8480, -26.0541, 50.1223



48.5680, -1.7590, -42.5941

Complementary

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



48.2300, 41.2986, -39.6667



86.7700, -41.2986, 39.6667

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



48.2300, 41.2986, -39.6667



56.2270, -27.7199, 24.3569

Square

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



48.2300, 41.2986, -39.6667



42.6420, -3.2745, 70.4740



53.1050, -26.1808, -2.7231



53.7150, 15.4235, -47.1081

Rectangle

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



48.2300, 41.2986, -39.6667



50.6350, 17.4349, 54.6941



53.1050, -26.1808, -2.7231



47.0860, -7.4374, -41.2944

Sweetspot

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



48.2300, 41.2986, -39.6667



138.4400, 16.0521, -15.2949



87.2730, -4.5716, -73.9074



67.1650, 9.7787, -9.7917



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



48.2300, 41.2986, -39.6667



59.9970, 54.7245, -52.6174



20.9950, 54.7255, -6.1346



61.8580, 2.0420, -1.6295



45.3440, 41.7354, -39.7667



0.9290, 1.0210, -0.8147

Inverse Universe

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



47.4990, 3.6980, 74.1074



58.9950, 4.9325, 98.2284



114.0050, -54.7255, 6.1346



62.0220, -0.0108, 3.4887



44.7980, 3.5506, 74.7222



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 48.2300, 41.2986, -39.6667 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 48.2300, 41.2986, -39.6667 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 48.2300, 41.2986, -39.6667

Background



This preview shows how black text looks on a background with the YUV color 48.2300, 41.2986, -39.6667.



This preview shows how white text looks on a background with the YUV color 48.2300, 41.2986,

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

48.2300, 41.2986, -39.6667

Protanopia

47.9540, 36.5047, -42.0557

Deuteranopia

47.7770, 28.2109, -41.9004



Tritanopia

47.3090, 11.1867, -41.4900

Trichromacy



Original Color

48.2300, 41.2986, -39.6667

Protanomaly

48.1220, 38.3939, -41.3260

Deuteranomaly

48.0420, 33.0103, -41.2558

Tritanomaly

47.8820, 22.2432, -41.1155

Monochromacy



Original Color

48.2300, 41.2986, -39.6667

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.5110, 15.0311, -14.4801

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.2300, 41.2986, -39.6667 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(3, 55, 132)` looks like.

```
.text, #text, p{  
    color:rgb(3, 55, 132)  
}
```

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(3, 55, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 55, 132) }
```

Border

The CSS property to change the border of an element to YUV 48.2300, 41.2986, -39.6667 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(3, 55, 132) }
```


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

```
.border{ border-color:rgb(3, 55, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 55, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 55, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 55, 132);  
box-shadow:4px 4px 4px 4px rgb(3, 55, 132)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.2300, 41.2986, -39.6667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 55, 132) }
```

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

```
.background{ background-color: rgb(3, 55,  
132) }
```

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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