

Converting Colors

YUV(48.8300, 41.4958, -9.4979)

Have a look what the booklet for
YUV(48.8300, 41.4958, -9.4979)
contains.

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Color

**YUV(48.8300, 41.4958,
-9.4979)**

Conversions

Conversions Part 1

Format	Color
Hex	262685
RGB	38, 38, 133
RGB Percent	15%, 15%, 52%
CMY	0.8510, 0.8510, 0.4784
CMYK	0.71, 0.71, 0.00, 0.48
HSL	240°, 56%, 34%
HSV	240°, 71%, 52%
XYZ	5.7261, 3.4918, 22.5625
YIQ	48.8300, -30.4950, 29.5450

Conversions

Conversions Part 2

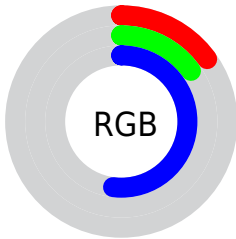
Format	Color
R_{YB}	38, 38, 133
Decimal	2500229
CIE _{Lab}	21.91, 32.58, -52.98
CIE _{LCh}	22, 62.199, 301.592
Yxy	3.4918, 0.1802, 0.1099
Android (android.graphics.Color)	4280690309 (0xFF262685)
YUV	48.8300, 41.4958, -9.4979
Hunter-Lab	18.6862, 21.9974, -58.5087

Details

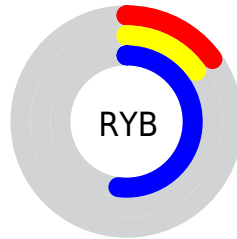
The YUV color **48.8300, 41.4958, -9.4979** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **122.1700, -41.4958, 9.4979**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.6290, 43.0739, -2.3056**, and **9.3480, 35.8174, -8.1982** is the 20% darker color. If you saturate the color by 10%, you get **37.3120, 47.1742, -10.7976**, and if you desaturate by 10%, it is **60.3480, 35.8174, -8.1982**.

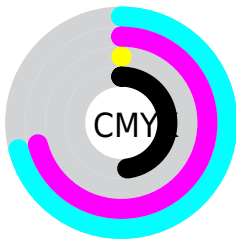
Distribution



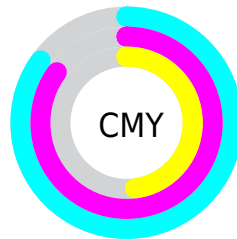
- Red (15%)
- Green (15%)
- Blue (52%)



- Red (15%)
- Yellow (15%)
- Blue (52%)



- Cyan (71%)
- Magenta (71%)
- Yellow (0%)
- Black (48%)



- Cyan (85%)
- Magenta (85%)
- Yellow (48%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.8300, 41.4958, -9.4979 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 48.8300, 41.4958, -9.4979 by changing the saturation by 10% instead.

■ 48.8300, 41.4958,
-9.4979

■ 48.8300, 41.4958,
-9.4979

■ 255.0000, 0.0000,
0.0000

■ 22.1770, 41.8177,
-19.4492

■ 99.6290, 43.0739,
-2.3056

■ 9.3480, 35.8174,
-8.1982

■ 125.2810, 44.2315,
-0.2464

■ 10.1340, 23.5979,
-8.8875

■ 152.2210, 45.2470,
0.6832

■ 5.2780, 15.1459,
-4.6288

■ 177.4080, 38.2529,
4.0272

■ 1.2540, 4.8048,
-1.0998

■ 201.9280, 26.1645,
7.9561

■ 0.0000, 0.0000,
0.0000

■ 227.0350, 13.7867,

11.3703

247.9560, 3.4727,
6.1776

48.8300, 41.4958,
-9.4979

48.8300, 41.4958,
-9.4979

37.3120, 47.1742,
-10.7976

60.3480, 35.8174,
-8.1982

24.9080, 53.2894,
-12.1973

72.7520, 29.7023,
-6.7985

15.1620, 58.0941,
-13.2971

84.2700, 24.0239,
-5.4988

95.7880, 18.3455,
-4.1991

108.1920, 12.2303,
-2.7994

■ 119.7100, 6.5520,
-1.4997

■ 131.2280, 0.8736,
-0.2000

■ 142.7460, -4.8048,
1.0998

■ 155.1500,
-10.9200, 2.4994

Harmonies

Analogous

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



51.3910, 47.1352, -45.0699



48.8300, 41.4958, -9.4979



42.7520, 26.7443, 55.4685

Triad

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



48.8300, 41.4958, -9.4979



46.6240, -22.9856, 45.9338



46.6590, 3.6191, -40.9199

Complementary

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



48.8300, 41.4958, -9.4979



122.1700, -41.4958, 9.4979

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.



39.3290, -19.3892, -34.4915



48.8300, 41.4958, -9.4979



49.6600, -24.4824, 12.5762

Square

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



48.8300, 41.4958, -9.4979



36.8200, -16.6733, 74.7029



38.4760, -18.9687, -29.3585



52.4900, 23.4224, -46.0337

Rectangle

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



48.8300, 41.4958, -9.4979



44.5290, 11.5712, 68.8191



38.4760, -18.9687, -29.3585



44.8350, -3.3697, -39.3203

Sweetspot

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



48.8300, 41.4958, -9.4979



141.1040, 15.7247, -3.5992



104.5950, 14.0037, -58.4038



67.5080, 9.6096, -2.1995



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.



48.8300, 41.4958, -9.4979



40.9860, 65.0829, -14.8967



63.1820, 34.4203, 20.0114



60.6840, 2.6208, -0.5999



14.8200, 56.7837, -12.9971



0.3420, 1.3104, -0.2999

Inverse Universe

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



77.2350, 27.4921, 48.9059



85.5370, 43.1193, 76.7051



108.1170, -34.5677, -19.3966



62.4780, 1.7363, 3.0888



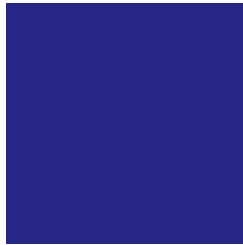
53.6900, 37.6208, 66.9239



1.2390, 0.8682, 1.5444

Previews

White Background



This preview shows how the YUV color 48.8300, 41.4958, -9.4979 looks on a white background.

Color Contrast Check

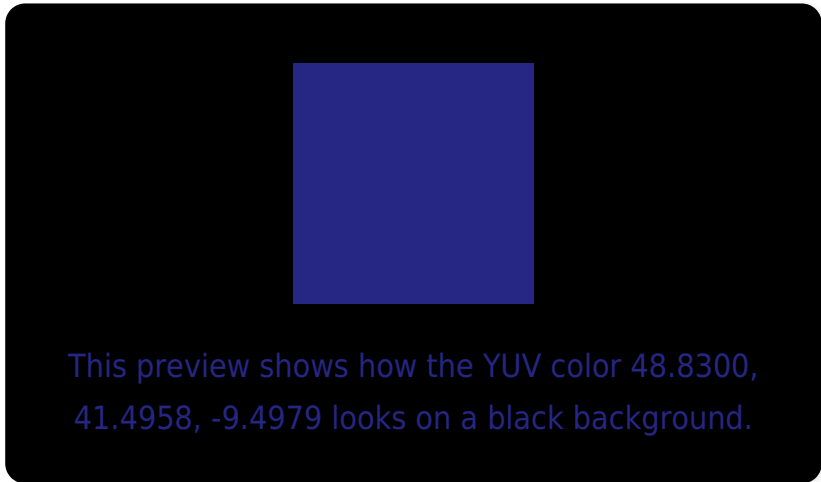
Large Text (above 18pt) WCAG AA ✓ Pass

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

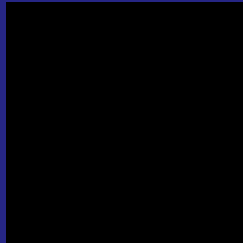
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.8300, 41.4958, -9.4979

Background



This preview shows how black text looks on a background with the YUV color 48.8300, 41.4958, -9.4979.



This preview shows how white text looks on a background with the YUV color 48.8300, 41.4958,

-9.4979.

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

48.8300, 41.4958, -9.4979

Protanopia

42.1350, 31.9784, -36.9524

Deuteranopia

42.1860, 24.5583, -36.9971



Tritanopia

41.7010, 10.0074, -36.5718

Trichromacy



Original Color

48.8300, 41.4958, -9.4979

Protanomaly

44.4120, 35.2929, -26.6713

Deuteranomaly

44.5600, 30.7829, -26.8011

Tritanomaly

44.1550, 21.6156, -26.4459

Monochromacy



Original Color

48.8300, 41.4958, -9.4979

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.9900, 15.2879, -3.4992

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.8300, 41.4958, -9.4979 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(38, 38, 133)` looks like.

```
.text, #text, p{  
    color:rgb(38, 38, 133)  
}
```

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(38, 38, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 38, 133) }
```

Border

The CSS property to change the border of an element to YUV 48.8300, 41.4958, -9.4979 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(38, 38, 133) }
```


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

```
.border{ border-color:rgb(38, 38, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 38, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 38, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 38, 133);  
box-shadow:4px 4px 4px 4px rgb(38, 38,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 48.8300, 41.4958, -9.4979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 38, 133) }
```

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

```
.background{ background-color: rgb(38, 38,  
133) }
```

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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