

Converting Colors

YUV(44.9310, 48.3480,
-13.9715)

Have a look what the booklet for
YUV(44.9310, 48.3480, -13.9715)
contains.

YUV(44.9310, 48.3480, -13.9715)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(44.9310, 48.3480,
-13.9715)**

Conversions

Conversions Part 1

Format	Color
Hex	1D228F
RGB	29, 34, 143
RGB Percent	11%, 13%, 56%
CMY	0.8863, 0.8667, 0.4392
CMYK	0.80, 0.76, 0.00, 0.44
HSL	237°, 66%, 34%
HSV	237°, 80%, 56%
XYZ	6.0366, 3.3884, 26.3225
YIQ	44.9310, -37.9690, 32.8390

Conversions

Conversions Part 2

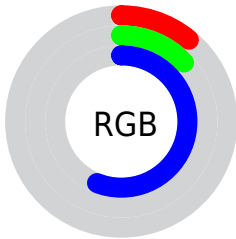
Format	Color
R_{YB}	29, 34, 143
Decimal	1909391
CIE _{Lab}	21.54, 37.69, -59.87
CIE _{LCh}	22, 70.749, 302.193
Yxy	3.3884, 0.1689, 0.0948
Android (android.graphics.Color)	4280099471 (0xFF1D228F)
YUV	44.9310, 48.3480, -13.9715
Hunter-Lab	18.4077, 26.3241, -71.8975

Details

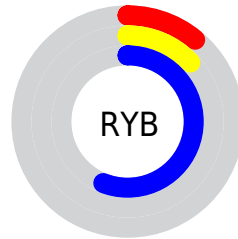
The YUV color **44.9310, 48.3480, -13.9715** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **127.0690, -48.3480, 13.9715**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.9370, 49.3311, -2.5757**, and **10.3740, 39.7486, -9.0980** is the 20% darker color. If you saturate the color by 10%, you get **32.5270, 54.4632, -15.3712**, and if you desaturate by 10%, it is **57.3350, 42.2328, -12.5718**.

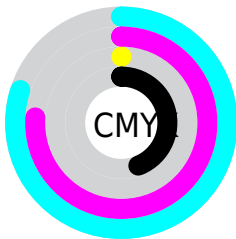
Distribution



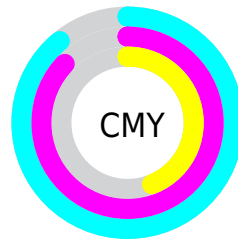
- Red (11%)
- Green (13%)
- Blue (56%)



- Red (11%)
- Yellow (13%)
- Blue (56%)



- Cyan (80%)
- Magenta (76%)
- Yellow (0%)
- Black (44%)



- Cyan (89%)
- Magenta (87%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.9310, 48.3480, -13.9715 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 44.9310, 48.3480, -13.9715 by changing the saturation by 10% instead.

■ 44.9310, 48.3480,
-13.9715

■ 44.9310, 48.3480,
-13.9715

■ 255.0000, 0.0000,
0.0000

■ 20.9690, 47.3433,
-18.3898

■ 97.9370, 49.3311,
-2.5757

■ 10.3740, 39.7486,
-9.0980

■ 123.8880, 50.3412,
0.0982

■ 11.1600, 27.5291,
-9.7873

■ 151.1270, 51.2094,
1.6426

■ 6.7770, 18.3509,
-5.9434

■ 175.0600, 39.4104,
6.0864

■ 3.0950, 9.3202,
-2.7143

■ 199.5800, 27.3221,
10.0153

■ 0.0000, 0.0000,
0.0000

■ 224.9860, 14.7969,

14.0443

245.6080, 4.6303,
8.2368

44.9310, 48.3480,
-13.9715

44.9310, 48.3480,
-13.9715

32.5270, 54.4632,
-15.3712

57.3350, 42.2328,
-12.5718

20.4110, 60.4364,
-17.9004

69.4510, 36.2597,
-10.0425

19.8240, 60.7258,
-17.3856

81.8550, 30.1445,
-8.6428

94.2590, 24.0293,
-7.2431

106.3750, 18.0561,
-4.7139

■ 118.7790, 11.9410,
-3.3142

■ 131.1830, 5.8258,
-1.9145

■ 143.0000, 0.0000,
0.0000

■ 155.7030, -6.2626,
2.0145

Harmonies

Analogous

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



53.4600, 52.5242, -46.8844



44.9310, 48.3480, -13.9715



45.1160, 28.0438, 58.6573

Triad

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



44.9310, 48.3480, -13.9715



44.2870, -21.8335, 49.7373



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.



44.9310, 48.3480, -13.9715



127.0690, -48.3480, 13.9715

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



44.9310, 48.3480, -13.9715



48.7630, -24.0402, 10.7318

Square

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



44.9310, 48.3480, -13.9715



38.2720, -18.8681, 78.6915



36.9810, -18.2316, -32.4323



53.2880, 26.4800, -46.7336

Rectangle

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



44.9310, 48.3480, -13.9715



46.9210, 10.3919, 73.7373



36.9810, -18.2316, -32.4323



44.6070, -4.2433, -39.1203

Sweetspot

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



44.9310, 48.3480, -13.9715



147.3040, 19.0771, -5.5286



108.2300, 14.1836, -69.4847



70.6650, 11.5042, -3.2142



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



44.9310, 48.3480, -13.9715



32.1020, 75.8717, -22.0145



57.2450, 42.2772, 19.9561



65.3850, 2.7682, -1.2146



18.9120, 57.2314, -16.5858



0.9120, 3.4944, -0.7998

Inverse Universe

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



63.6560, -14.6204, 69.5847



61.4330, -22.8915, 109.2453



114.7550, -42.2772, -19.9561



66.2070, -0.5951, 4.2035



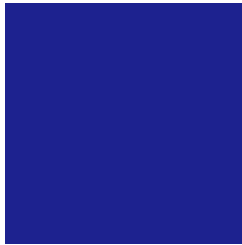
41.0490, -17.2792, 82.3950



2.3920, -1.1793, 4.9182

Previews

White Background



This preview shows how the YUV color 44.9310, 48.3480, -13.9715 looks on a white background.

Color Contrast Check

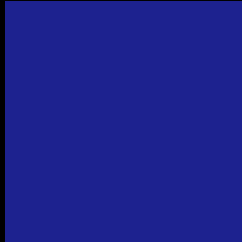
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.9310, 48.3480, -13.9715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

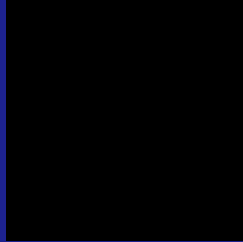
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.9310, 48.3480, -13.9715

Background



This preview shows how black text looks on a background with the YUV color 44.9310, 48.3480, -13.9715.



This preview shows how white text looks on a background with the YUV color 44.9310, 48.3480,

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

44.9310, 48.3480, -13.9715

Protanopia

41.4340, 31.8310, -36.3376

Deuteranopia

41.9580, 23.6847, -36.7972



Tritanopia

41.0000, 9.8600, -35.9570

Trichromacy



Original Color

44.9310, 48.3480, -13.9715

Protanomaly

42.6830, 37.6243, -27.7860

Deuteranomaly

43.3040, 32.3881, -28.3306

Tritanomaly

42.4260, 23.9470, -27.5606

Monochromacy



Original Color

44.9310, 48.3480, -13.9715

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

44.9620, 17.7667, -5.2287

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.9310, 48.3480, -13.9715 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(29, 34, 143)` looks like.

```
.text, #text, p{  
    color:rgb(29, 34, 143)  
}
```

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(29, 34, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 34, 143) }
```

Border

The CSS property to change the border of an element to YUV 44.9310, 48.3480, -13.9715 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(29, 34, 143) }
```


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

```
.border{ border-color:rgb(29, 34, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 34, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 34, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 34, 143);  
box-shadow:4px 4px 4px 4px rgb(29, 34,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 44.9310, 48.3480, -13.9715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 34, 143) }
```

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

```
.background{ background-color: rgb(29, 34,  
143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor