

Converting Colors

YUV(110.4810, 31.3149,
82.8932)

Have a look what the booklet for
YUV(110.4810, 31.3149, 82.8932)
contains.

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Color

**YUV(110.4810, 31.3149,
82.8932)**

Conversions

Conversions Part 1

Format	Color
Hex	CD32AE
RGB	205, 50, 174
RGB Percent	80%, 20%, 68%
CMY	0.1961, 0.8039, 0.3176
CMYK	0.00, 0.76, 0.15, 0.20
HSL	312°, 61%, 50%
HSV	312°, 76%, 80%
XYZ	33.9574, 18.3163, 41.7900
YIQ	110.4810, 52.5760, 71.4240

Conversions

Conversions Part 2

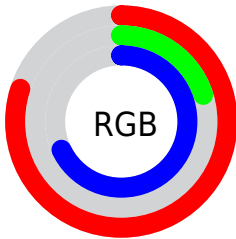
Format	Color
R _Y B	205, 50, 174
Decimal	13447854
CIE Lab	49.88, 70.83, -31.76
CIE LCh	50, 77.629, 335.847
Yxy	18.3163, 0.3610, 0.1947
Android (android.graphics.Color)	4291637934 (0xFFCD32AE)
YUV	110.4810, 31.3149, 82.8932
Hunter-Lab	42.7976, 66.7337, -27.9359

Details

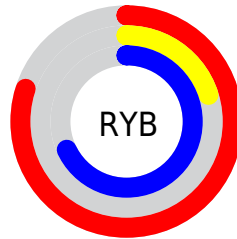
The YUV color **110.4810, 31.3149, 82.8932** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **144.5190, -31.3149, -82.8932**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.2090, 30.4630, 76.1157**, and **57.7470, 31.1837, 78.2749** is the 20% darker color. If you saturate the color by 10%, you get **98.2850, 35.3555, 93.5891**, and if you desaturate by 10%, it is **122.6770, 27.2742, 72.1973**.

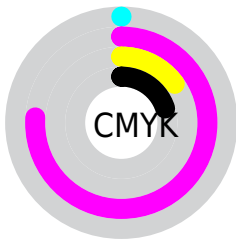
Distribution



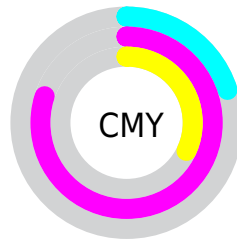
- Red (80%)
- Green (20%)
- Blue (68%)



- Red (80%)
- Yellow (20%)
- Blue (68%)



- Cyan (0%)
- Magenta (76%)
- Yellow (15%)
- Black (20%)





- Cyan (20%)
- Magenta (80%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YUV color 110.4810, 31.3149, 82.8932 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 110.4810, 31.3149, 82.8932 by changing the saturation by 10% instead.

 110.4810, 31.3149,
82.8932


 110.4810, 31.3149,
82.8932


255.0000, 0.0000,
0.0000


 69.3820, 38.2657,
93.5040


 168.2090, 30.4630,
76.1157


 57.7470, 31.1837,
78.2749


 188.0820, 32.9906,
58.6871

 46.2260, 24.5386,
62.9458

 205.1050, 24.5982,
43.7579

 35.1180, 18.1828,
48.1315

 222.1280, 16.2059,
28.8287

 25.0210, 11.8216,
35.0616

 239.7380, 7.5242,
13.3848

 13.5430, 6.6343,
18.8178

 0.0000, 0.0000,

0.0000

■ 110.4810, 31.3149,
82.8932

■ 110.4810, 31.3149,
82.8932

■ 98.2850, 35.3555,
93.5891

■ 122.6770, 27.2742,
72.1973

■ 85.5020, 39.6855,
104.7997

■ 135.4600, 22.9442,
60.9866

■ 79.9910, 41.4164,
109.6329

■ 148.2430, 18.6142,
49.7759

■ 160.4390, 14.5736,
39.0800

■ 173.3360, 10.6804,
27.7693

■ 185.5320, 6.6397,
17.0734

■ 198.3150, 2.3097,
5.8627

■ 210.5110, -1.7309,
-4.8331

■ 223.2940, -6.0609,
-16.0438

Harmonies

Analogous

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



120.2250, 52.6401, 9.4497



110.4810, 31.3149, 82.8932



87.3650, 10.6661, 125.9679

Triad

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



110.4810, 31.3149, 82.8932



110.2070, -54.3321, 19.9895



107.9320, 42.9245, -94.6564

Complementary

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



110.4810, 31.3149, 82.8932



144.5190, -31.3149, -82.8932

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.



100.5220, 14.5327, -88.1578



110.4810, 31.3149, 82.8932



97.4730, -48.0542, -33.7408

Square

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



110.4810, 31.3149, 82.8932



110.7920, -54.6205, 65.9574



90.7810, -15.1750, -79.6149



109.5400, 64.3168, -96.0666

Rectangle

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



110.4810, 31.3149, 82.8932



98.5890, -16.0664, 113.4934



90.7810, -15.1750, -79.6149



105.6520, 34.1886, -92.6568

Sweetspot

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



110.4810, 31.3149, 82.8932



218.9990, 11.8325, 31.5729



76.9390, 63.1341, 3.5615



105.9560, 6.9237, 19.3326



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



110.4810, 31.3149, 82.8932



113.5720, 47.0460, 124.0324



101.7030, -2.3186, 90.5915



95.9020, 2.0203, 5.3479



64.7960, 33.6246, 88.7559



14.8960, 7.9393, 20.2622

Inverse Universe

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



110.4810, 31.3149, 82.8932



113.5720, 47.0460, 124.0324



153.4110, 2.7554, -90.6914



95.9020, 2.0203, 5.3479



64.7960, 33.6246, 88.7559



14.8960, 7.9393, 20.2622

Previews

White Background



This preview shows how the YUV color 110.4810, 31.3149, 82.8932 looks on a white background.

Color Contrast Check

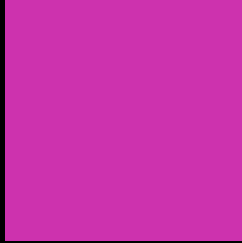
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 110.4810, 31.3149, 82.8932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

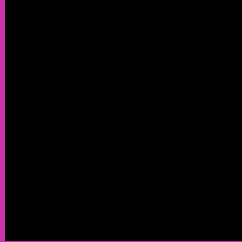
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 110.4810, 31.3149, 82.8932

Background



This preview shows how black text looks on a background with the YUV color 110.4810, 31.3149, 82.8932.



This preview shows how white text looks on a background with the YUV color 110.4810, 31.3149, 82.8932.

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

110.4810, 31.3149, 82.8932

Protanopia

110.3440, 58.4974, -49.4137

Deuteranopia

119.4710, 22.4458, -12.6911



Tritanopia

115.6670, -14.6258, 71.3290

Trichromacy



Original Color

110.4810, 31.3149, 82.8932



Protanomaly

110.4210, 48.5994, -1.2462



Deuteranomaly

115.9020, 25.6843, 22.0109



Tritanomaly

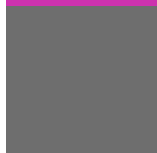
113.7550, 2.0928, 75.6369

Monochromacy



Original Color

110.4810, 31.3149, 82.8932



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

110.1730, 11.2537, 30.5433

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.4810, 31.3149, 82.8932 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(205, 50, 174)` looks like.

```
.text, #text, p{  
    color:rgb(205, 50, 174)  
}
```

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(205, 50, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 50, 174) }
```

Border

The CSS property to change the border of an element to YUV 110.4810, 31.3149, 82.8932 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(205, 50, 174) }
```


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

```
.border{ border-color:rgb(205, 50, 174) }
```

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

Here you see how a box with a 4 pixel rgb(205, 50, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 50, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 50, 174);  
box-shadow:4px 4px 4px 4px rgb(205, 50,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 110.4810, 31.3149, 82.8932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 50, 174) }
```

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

```
.background{ background-color: rgb(205, 50,  
174) }
```

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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