

Converting Colors

YUV(113.4630, 28.3657,
48.7059)

Have a look what the booklet for
YUV(113.4630, 28.3657, 48.7059)
contains.

| | |
|--|----|
| YUV(113.4630, 28.3657, 48.7059) | 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(113.4630, 28.3657,
48.7059)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A94AAB |
| RGB | 169, 74, 171 |
| RGB Percent | 66%, 29%, 67% |
| CMY | 0.3373, 0.7098, 0.3294 |
| CMYK | 0.01, 0.57, 0.00, 0.33 |
| HSL | 299°, 40%, 48% |
| HSV | 299°, 57%, 67% |
| XYZ | 26.1617, 16.2728, 40.2902 |
| YIQ | 113.4630, 25.4830, 50.3070 |

Conversions

Conversions Part 2

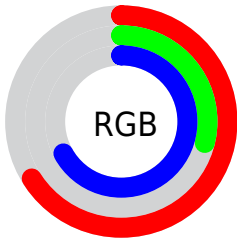
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 169, 74, 171 |
| Decimal | 11094699 |
| CIE _{Lab} | 47.33, 52.27, -34.39 |
| CIE _{LCh} | 47, 62.571, 326.654 |
| Yxy | 16.2728, 0.3162, 0.1967 |
| Android (android.graphics.Color) | 4289284779 (0xFFA94AAB) |
| YUV | 113.4630, 28.3657, 48.7059 |
| Hunter-Lab | 40.3396, 45.1691, -30.9796 |

Details

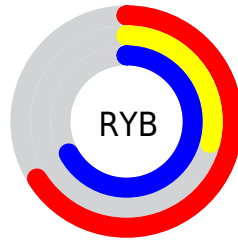
The YUV color **113.4630, 28.3657, 48.7059** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **131.5370, -28.3657, -48.7059**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5880, 28.7971, 50.3503**, and **55.7560, 30.6863, 51.0800** is the 20% darker color. If you saturate the color by 10%, you get **103.4840, 33.2854, 57.4575**, and if you desaturate by 10%, it is **123.4420, 23.4461, 39.9544**.

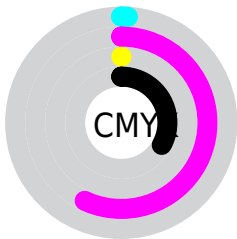
Distribution



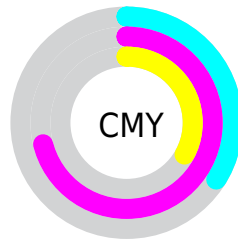
- Red (66%)
- Green (29%)
- Blue (67%)



- Red (66%)
- Yellow (29%)
- Blue (67%)



- Cyan (1%)
- Magenta (57%)
- Yellow (0%)
- Black (33%)



- Cyan (34%)
- Magenta (71%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.4630, 28.3657, 48.7059 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 113.4630, 28.3657, 48.7059 by changing the saturation by 10% instead.

■ 113.4630, 28.3657,
48.7059

■ 113.4630, 28.3657,
48.7059

255.0000, 0.0000,
0.0000

■ 86.1640, 28.5131,
48.0912

■ 168.5880, 28.7971,
50.3503

■ 55.7560, 30.6863,
51.0800

■ 196.3000, 28.9391,
51.4799

■ 36.6150, 27.7978,
44.1876

■ 212.7360, 20.8362,
37.0655

■ 26.1050, 21.1472,
30.6029

■ 229.1720, 12.7332,
22.6512

■ 16.6060, 14.4912,
18.7625

■ 246.1950, 4.3409,
7.7220

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,

0.0000

■ 113.4630, 28.3657,
48.7059

■ 113.4630, 28.3657,
48.7059

■ 103.4840, 33.2854,
57.4575

■ 123.4420, 23.4461,
39.9544

■ 93.2060, 38.3524,
65.5943

■ 133.7200, 18.3790,
31.8176

■ 83.2270, 43.2721,
74.3459

■ 143.6990, 13.4594,
23.0660

■ 73.2480, 48.1917,
83.0975

■ 153.6780, 8.5397,
14.3144

■ 69.4270, 50.0755,
85.5715

■ 163.9560, 3.4727,
6.1776

■ 174.5220, -1.7363,
-3.0888

■ 184.5010, -6.6560,
-11.8404

■ 194.7790,
-11.7230, -19.9772

■ 204.7580,
-16.6427, -28.7288

Harmonies

Analogous

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



111.5890, 47.0376, -13.6716



113.4630, 28.3657, 48.7059



104.8900, 7.4492, 84.2885

Triad

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



113.4630, 28.3657, 48.7059



105.5550, -52.0386, 31.0853



97.8440, 29.6569, -85.8092

Complementary

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



113.4630, 28.3657, 48.7059



131.5370, -28.3657, -48.7059

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.



91.2150, 6.7960, -79.9956



113.4630, 28.3657, 48.7059



99.1110, -48.8617, -7.9903

Square

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



113.4630, 28.3657, 48.7059



105.9410, -43.8479, 64.0727



82.5970, -16.0703, -72.4376



100.2840, 49.1600, -87.9491

Rectangle

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



113.4630, 28.3657, 48.7059



103.2700, -9.0071, 89.2172



82.5970, -16.0703, -72.4376



95.9060, 22.2313, -84.1096

Sweetspot

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



113.4630, 28.3657, 48.7059



199.3950, 11.1443, 18.9476



86.8190, 41.5012, -11.2423



99.0860, 6.3666, 11.3256



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



113.4630, 28.3657, 48.7059



132.4660, 44.1403, 75.8903



108.9310, 8.4150, 54.4345



81.7170, 2.6045, 4.6332



61.0530, 43.8509, 75.3755



9.2000, 6.8034, 11.2256

Inverse Universe

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



103.2310, -13.4249, 59.4334



116.4910, -20.9481, 92.5314



136.0690, -8.4150, -54.4345



80.6910, -1.3267, 5.5330



45.1920, -20.8007, 91.9166



6.8770, -3.3904, 14.1399

Previews

White Background



This preview shows how the YUV color 113.4630, 28.3657, 48.7059 looks on a white background.

Color Contrast Check

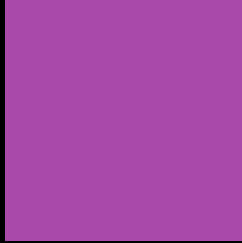
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.4630, 28.3657, 48.7059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

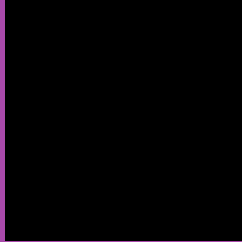
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.4630, 28.3657, 48.7059

Background



This preview shows how black text looks on a background with the YUV color 113.4630, 28.3657, 48.7059.



This preview shows how white text looks on a background with the YUV color 113.4630, 28.3657,

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

113.4630, 28.3657, 48.7059

Protanopia

108.0440, 46.8133, -35.1186

Deuteranopia

111.6490, 25.8090, -18.1092



Tritanopia

113.8310, -6.8187, 40.4902

Trichromacy



Original Color

113.4630, 28.3657, 48.7059



Protanomaly

110.1080, 39.8798, -4.4797



Deuteranomaly

112.1450, 27.0435, 6.0118



Tritanomaly

113.5830, 6.1216, 43.3387

Monochromacy



Original Color

113.4630, 28.3657, 48.7059



Achromatopsia

113.0000, 0.0000, 0.0000



Achromatomaly

113.1560, 10.2761, 17.4032

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.4630, 28.3657, 48.7059 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(169, 74, 171)` looks like.

```
.text, #text, p{  
    color:rgb(169, 74, 171)  
}
```

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(169, 74, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 74, 171) }
```

Border

The CSS property to change the border of an element to YUV 113.4630, 28.3657, 48.7059 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(169, 74, 171) }
```


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

```
.border{ border-color:rgb(169, 74, 171) }
```

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

Here you see how a box with a 4 pixel rgb(169, 74, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 74, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 74, 171);  
box-shadow:4px 4px 4px 4px rgb(169, 74,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 113.4630, 28.3657, 48.7059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 74, 171) }
```

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

```
.background{ background-color: rgb(169, 74,  
171) }
```

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