

Converting Colors

YUV(174.4860, 23.4244,
46.9318)

Have a look what the booklet for
YUV(174.4860, 23.4244, 46.9318)
contains.

YUV(174.4860, 23.4244, 46.9318)	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(174.4860, 23.4244,
46.9318)**

Conversions

Conversions Part 1

Format	Color
Hex	E48ADE
RGB	228, 138, 222
RGB Percent	89%, 54%, 87%
CMY	0.1059, 0.4588, 0.1294
CMYK	0.00, 0.39, 0.03, 0.11
HSL	304°, 62%, 72%
HSV	304°, 39%, 89%
XYZ	54.2682, 39.9449, 73.9571
YIQ	174.4860, 26.6760, 45.2040

Conversions

Conversions Part 2

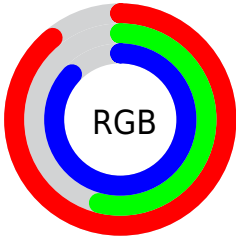
Format	Color
R _Y B	228, 138, 222
Decimal	14977758
CIE Lab	69.43, 46.57, -28.51
CIE LCh	69, 54.603, 328.520
Yxy	39.9449, 0.3227, 0.2375
Android (android.graphics.Color)	4293167838 (0xFFE48ADE)
YUV	174.4860, 23.4244, 46.9318
Hunter-Lab	63.2019, 42.6652, -25.1381

Details

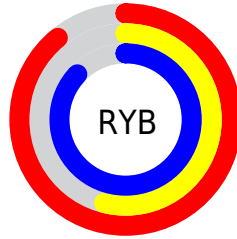
The YUV color **174.4860, 23.4244, 46.9318** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **191.5140, -23.4244, -46.9318**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.6060, 17.9422, 31.9175**, and **120.0620, 23.1404, 44.6726** is the 20% darker color. If you saturate the color by 10%, you get **160.7570, 29.2068, 58.9721**, and if you desaturate by 10%, it is **188.2150, 17.6420, 34.8914**.

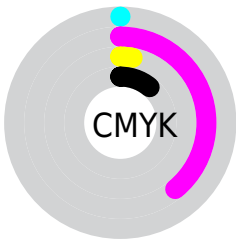
Distribution



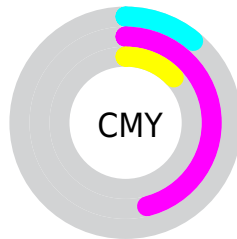
- Red (89%)
- Green (54%)
- Blue (87%)



- Red (89%)
- Yellow (54%)
- Blue (87%)



- Cyan (0%)
- Magenta (39%)
- Yellow (3%)
- Black (11%)





- Cyan (11%)
- Magenta (46%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.4860, 23.4244, 46.9318 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 174.4860, 23.4244, 46.9318 by changing the saturation by 10% instead.


 174.4860, 23.4244,
46.9318


 174.4860, 23.4244,
46.9318


255.0000, 0.0000,
0.0000


 146.7740, 23.2824,
45.8022


 218.6060, 17.9422,
31.9175


 120.0620, 23.1404,
44.6726


 235.6290, 9.5499,
16.9884

 93.3500, 22.9985,
43.5431

 252.6520, 1.1576,
2.0592

 66.4640, 23.4352,
43.4431

 37.0560, 25.6084,
46.4319

 26.6600, 19.3946,
32.7472

 17.8730, 12.8806,

22.0364

■ 2.3940, 9.1728,
-2.0995

■ 0.0000, 0.0000,
0.0000

■ 174.4860, 23.4244,
46.9318

■ 174.4860, 23.4244,
46.9318

■ 160.7570, 29.2068,
58.9721

■ 188.2150, 17.6420,
34.8914

■ 147.1420, 35.4260,
70.9125

■ 201.8300, 11.4228,
22.9511

■ 134.0000, 40.9190,
82.4380

■ 214.9720, 5.9298,
11.4256

■ 120.3850, 47.1382,
94.3784

■ 228.5870, -0.2894,
-0.5148

■ 106.6560, 52.9206,
106.4187

■ 242.3160, -6.0718,
-12.5551

■ 93.0410, 59.1398,
118.3590

■ 244.1910, -6.5032,
-14.1995

■ 92.4540, 59.4292,
118.8738

■ 244.4190, -5.6296,
-14.3995

■ 244.5330, -5.1928,
-14.4994

■ 244.7610, -4.3192,
-14.6994

Harmonies

Analogous

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



172.0480, 40.8953, -3.5501



174.4860, 23.4244, 46.9318



170.6300, 1.6614, 73.9925

Triad

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



174.4860, 23.4244, 46.9318



164.7660, -48.6916, 30.9002



138.3880, 37.7697, -121.3663

Complementary

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



174.4860, 23.4244, 46.9318



191.5140, -23.4244, -46.9318

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.



132.6880, 15.9298, -116.3674



174.4860, 23.4244, 46.9318



159.9890, -40.4206, -8.7604

Square

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



174.4860, 23.4244, 46.9318



167.8420, -40.3481, 61.5286



150.4680, -16.9927, -56.5384



139.1980, 56.1044, -122.0766

Rectangle

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



174.4860, 23.4244, 46.9318



167.4550, -13.0423, 76.7770



150.4680, -16.9927, -56.5384



136.5640, 30.7809, -119.7666

Sweetspot

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



174.4860, 23.4244, 46.9318



236.5750, 8.0975, 16.1587



150.0540, 38.4274, -5.3094



117.2060, 4.3354, 9.4663



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.



174.4860, 23.4244, 46.9318



183.6480, 31.2325, 62.5757



169.3560, 3.7685, 51.4308



107.8420, 3.0359, 6.2776



72.5590, 46.5594, 93.3488



20.7210, 13.4485, 26.5547

Inverse Universe

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



174.4860, 23.4244, 46.9318



183.6480, 31.2325, 62.5757



196.6440, -3.7685, -51.4308



107.8420, 3.0359, 6.2776



72.5590, 46.5594, 93.3488



20.7210, 13.4485, 26.5547

Previews

White Background



This preview shows how the YUV color 174.4860, 23.4244, 46.9318 looks on a white background.

Color Contrast Check

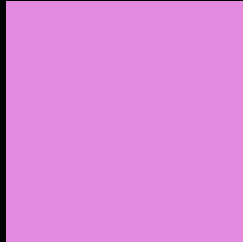
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 174.4860, 23.4244, 46.9318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

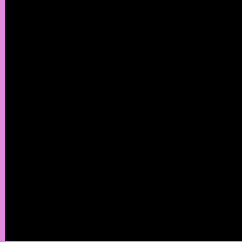
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.4860, 23.4244, 46.9318

Background



This preview shows how black text looks on a background with the YUV color 174.4860, 23.4244, 46.9318.



This preview shows how white text looks on a background with the YUV color 174.4860, 23.4244,

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

174.4860, 23.4244, 46.9318

Protanopia

169.3140, 37.3132, -21.3234

Deuteranopia

171.2050, 22.5769, -8.0728



Tritanopia

172.8850, -5.3663, 41.3199

Trichromacy



Original Color

174.4860, 23.4244, 46.9318



Protanomaly

170.9150, 32.5799, 3.5825



Deuteranomaly

172.1520, 23.0961, 12.1447



Tritanomaly

173.3550, 5.2480, 43.5387

Monochromacy



Original Color

174.4860, 23.4244, 46.9318



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

174.2870, 8.2395, 17.2883

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.4860, 23.4244, 46.9318 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(228, 138, 222)` looks like.

```
.text, #text, p{  
    color:rgb(228, 138, 222)  
}
```

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(228, 138, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 138, 222) }
```

Border

The CSS property to change the border of an element to YUV 174.4860, 23.4244, 46.9318 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(228, 138, 222) }
```


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

```
.border{ border-color:rgb(228, 138, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 138, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 138, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 138, 222);  
box-shadow:4px 4px 4px 4px rgb(228, 138,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 174.4860, 23.4244, 46.9318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 138, 222) }
```

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

```
.background{ background-color: rgb(228,  
138, 222) }
```

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