

Converting Colors

YUV(174.6000, 23.8612,
46.8318)

Have a look what the booklet for
YUV(174.6000, 23.8612, 46.8318)
contains.

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Color

**YUV(174.6000, 23.8612,
46.8318)**

Conversions

Conversions Part 1

Format	Color
Hex	E48ADF
RGB	228, 138, 223
RGB Percent	89%, 54%, 87%
CMY	0.1059, 0.4588, 0.1255
CMYK	0.00, 0.39, 0.02, 0.11
HSL	303°, 62%, 72%
HSV	303°, 39%, 89%
XYZ	54.4027, 39.9987, 74.6652
YIQ	174.6000, 26.3550, 45.5150

Conversions

Conversions Part 2

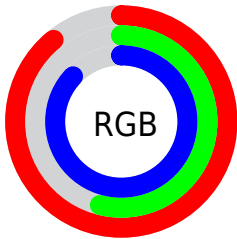
Format	Color
R _Y B	228, 138, 223
Decimal	14977759
CIE Lab	69.47, 46.74, -29.01
CIE LCh	69, 55.012, 328.178
Yxy	39.9987, 0.3218, 0.2366
Android (android.graphics.Color)	4293167839 (0xFFE48ADF)
YUV	174.6000, 23.8612, 46.8318
Hunter-Lab	63.2445, 42.8672, -25.7255

Details

The YUV color **174.6000, 23.8612, 46.8318** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **191.4000, -23.8612, -46.8318**, 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 **120.1760, 23.5772, 44.5726** is the 20% darker color. If you saturate the color by 10%, you get **160.9850, 30.0804, 58.7722**, and if you desaturate by 10%, it is **188.2150, 17.6420, 34.8914**.

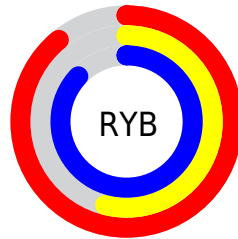
Distribution



Red (89%)

Green (54%)

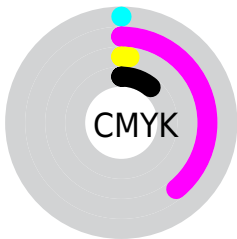
Blue (87%)



Red (89%)

Yellow (54%)

Blue (87%)

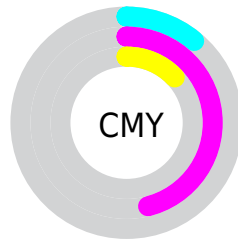


Cyan (0%)

Magenta (39%)

Yellow (2%)

Black (11%)



Cyan (11%)

Magenta (46%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.6000, 23.8612, 46.8318 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 174.6000, 23.8612, 46.8318 by changing the saturation by 10% instead.

174.6000, 23.8612,
46.8318

174.6000, 23.8612,
46.8318

255.0000, 0.0000,
0.0000

146.8880, 23.7192,
45.7022

218.6060, 17.9422,
31.9175

120.1760, 23.5772,
44.5726

235.6290, 9.5499,
16.9884

93.4640, 23.4352,
43.4431

252.6520, 1.1576,
2.0592

66.5780, 23.8720,
43.3431

37.1700, 26.0452,
46.3319

26.6600, 19.3946,
32.7472

17.8730, 12.8806,

22.0364

■ 2.5080, 9.6096,
-2.1995

■ 0.0000, 0.0000,
0.0000

■ 174.6000, 23.8612,
46.8318

■ 174.6000, 23.8612,
46.8318

■ 160.9850, 30.0804,
58.7722

■ 188.2150, 17.6420,
34.8914

■ 147.2560, 35.8628,
70.8125

■ 201.9440, 11.8596,
22.8511

■ 134.2280, 41.7926,
82.2380

■ 214.9720, 5.9298,
11.4256

■ 120.6130, 48.0118,
94.1784

■ 228.5870, -0.2894,
-0.5148

106.9980, 54.2310,
106.1188

242.2020, -6.5086,
-12.4552

93.2690, 60.0134,
118.1591

244.1910, -6.5032,
-14.1995

92.6820, 60.3028,
118.6739

244.3050, -6.0664,
-14.2995

244.4190, -5.6296,
-14.3995

244.5330, -5.1928,
-14.4994

Harmonies

Analogous

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



171.7490, 41.0427, -4.1649



174.6000, 23.8612, 46.8318



170.1570, 2.3876, 74.4073

Triad

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



174.6000, 23.8612, 46.8318



164.9510, -49.2758, 31.6150



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.



174.6000, 23.8612, 46.8318



191.4000, -23.8612, -46.8318

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



174.6000, 23.8612, 46.8318



160.1740, -41.0048, -8.0456

Square

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



174.6000, 23.8612, 46.8318



167.4400, -40.6429, 62.7581



150.3540, -17.4295, -56.4385



139.3120, 56.5412, -122.1766

Rectangle

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



174.6000, 23.8612, 46.8318



167.4550, -13.0423, 76.7770



150.3540, -17.4295, -56.4385



137.1510, 30.4916, -120.2814

Sweetspot

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



174.6000, 23.8612, 46.8318



236.5750, 8.0975, 16.1587



149.7550, 38.5748, -5.9241



117.3200, 4.7722, 9.3664



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.



174.6000, 23.8612, 46.8318



183.7620, 31.6693, 62.4757



169.4700, 4.2053, 51.3308



107.8420, 3.0359, 6.2776



72.7870, 47.4330, 93.1488



20.7210, 13.4485, 26.5547

Inverse Universe

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



174.6000, 23.8612, 46.8318



183.7620, 31.6693, 62.4757



196.4160, -4.6421, -51.2308



107.8420, 3.0359, 6.2776



72.7870, 47.4330, 93.1488



20.7210, 13.4485, 26.5547

Previews

White Background



This preview shows how the YUV color 174.6000, 23.8612, 46.8318 looks on a white background.

Color Contrast Check

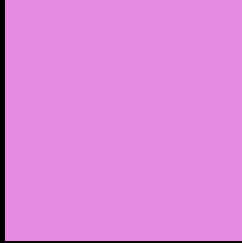
Large Text (above 18pt) WCAG AA × Fail

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 174.6000, 23.8612, 46.8318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

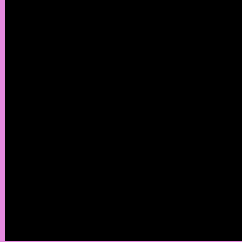
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.6000, 23.8612, 46.8318

Background



This preview shows how black text looks on a background with the YUV color 174.6000, 23.8612, 46.8318.



This preview shows how white text looks on a background with the YUV color 174.6000, 23.8612, 46.8318.

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

174.6000, 23.8612, 46.8318

Protanopia

169.4280, 37.7500, -21.4234

Deuteranopia

171.0200, 23.1611, -8.7875



Tritanopia

172.8850, -5.3663, 41.3199

Trichromacy



Original Color

174.6000, 23.8612, 46.8318



Protanomaly

171.0290, 33.0167, 3.4826



Deuteranomaly

171.9670, 23.6803, 11.4299



Tritanomaly

173.3550, 5.2480, 43.5387

Monochromacy



Original Color

174.6000, 23.8612, 46.8318



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

174.9880, 8.3869, 16.6735

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.6000, 23.8612, 46.8318 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(228, 138, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 138, 223) }
```

Border

The CSS property to change the border of an element to YUV 174.6000, 23.8612, 46.8318 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, 223) }
```


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

```
.border{ border-color:rgb(228, 138, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 138, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 138, 223); box-shadow:4px 4px 4px 4px rgb(228, 138, 223) }
```

Background

The CSS property to change the background color of an element to YUV 174.6000, 23.8612, 46.8318 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, 223) }
```

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

```
.background{ background-color: rgb(228,  
138, 223) }
```

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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