

Converting Colors

YUV(175.1300, 13.2469,
44.6130)

Have a look what the booklet for
YUV(175.1300, 13.2469, 44.6130)
contains.

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Color

**YUV(175.1300, 13.2469,
44.6130)**

Conversions

Conversions Part 1

Format	Color
Hex	E290CA
RGB	226, 144, 202
RGB Percent	89%, 56%, 79%
CMY	0.1137, 0.4353, 0.2078
CMYK	0.00, 0.36, 0.11, 0.11
HSL	318°, 59%, 73%
HSV	318°, 36%, 89%
XYZ	51.9980, 40.3795, 60.9306
YIQ	175.1300, 30.2540, 35.4220

Conversions

Conversions Part 2

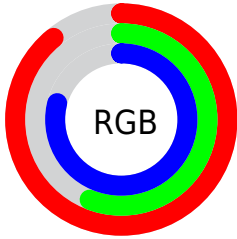
Format	Color
R _Y B	226, 144, 202
Decimal	14848202
CIE Lab	69.74, 39.37, -16.99
CIE LCh	70, 42.877, 336.662
Yxy	40.3795, 0.3392, 0.2634
Android (android.graphics.Color)	4293038282 (0xFFE290CA)
YUV	175.1300, 13.2469, 44.6130
Hunter-Lab	63.5449, 34.8607, -12.3693

Details

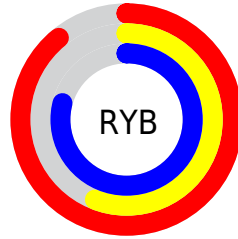
The YUV color $175.1300, 13.2469, 44.6130$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $194.8700, -13.2469, -44.6130$, and the grayscale version is $175.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $222.1280, 16.2059, 28.8287$, and $121.4070, 13.1103, 41.7391$ is the 20% darker color. If you saturate the color by 10%, you get $160.8310, 16.8453, 57.1532$, and if you desaturate by 10%, it is $189.4290, 9.6485, 32.0728$.

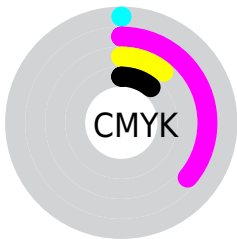
Distribution



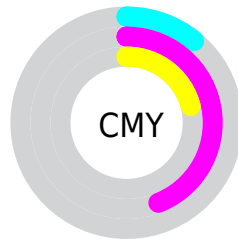
- Red (89%)
- Green (56%)
- Blue (79%)



- Red (89%)
- Yellow (56%)
- Blue (79%)



- Cyan (0%)
- Magenta (36%)
- Yellow (11%)
- Black (11%)





- Cyan (11%)
- Magenta (44%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 175.1300, 13.2469, 44.6130 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 175.1300, 13.2469, 44.6130 by changing the saturation by 10% instead.


 175.1300, 13.2469,
44.6130

 175.1300, 13.2469,
44.6130


255.0000, 0.0000,
0.0000


 148.1190, 13.2523,
42.8686


 222.1280, 16.2059,
28.8287


 121.4070, 13.1103,
41.7391

 238.5640, 8.1029,
14.4144

 95.1080, 13.2578,
41.1243

 69.5100, 13.5526,
39.8947

 43.1510, 14.7156,
40.2096

 24.8360, 12.4059,
34.3468

 16.2770, 6.7654,

23.4361

■ 0.0000, 0.0000,
0.0000

■ 175.1300, 13.2469,
44.6130

■ 175.1300, 13.2469,
44.6130

■ 160.8310, 16.8453,
57.1532

■ 189.4290, 9.6485,
32.0728

■ 147.2330, 20.5911,
69.0787

■ 203.0270, 5.9027,
20.1473

■ 132.9340, 24.1895,
81.6189

■ 217.3260, 2.3043,
7.6071

■ 119.3360, 27.9354,
93.5443

■ 230.9240, -1.4415,
-4.3183

■ 105.0370, 31.5338,
106.0846

■ 244.0490, -4.4612,
-15.8290

■ 90.7380, 35.1322,
118.6248

■ 244.8470, -1.4036,
-16.5288

■ 85.8140, 36.5737,
122.9431

■ 245.5310, 1.2172,
-17.1287

■ 246.3290, 4.2748,
-17.8285

Harmonies

Analogous

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



174.3350, 28.9218, 10.2302



175.1300, 13.2469, 44.6130



173.1310, -4.9946, 62.1521

Triad

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



175.1300, 13.2469, 44.6130



166.7780, -36.8656, 17.7347



135.5670, 39.6535, -118.8923

Complementary

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



175.1300, 13.2469, 44.6130



194.8700, -13.2469, -44.6130

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.



132.4090, 22.4764, -116.1227



175.1300, 13.2469, 44.6130



162.2730, -27.7426, -15.1484

Square

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



175.1300, 13.2469, 44.6130



169.2250, -34.6209, 44.5297



154.4930, -8.1310, -52.1754



144.4630, 47.5927, -98.6301

Rectangle

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



175.1300, 13.2469, 44.6130



172.0420, -16.7827, 63.1072



154.4930, -8.1310, -52.1754



134.7860, 34.1225, -118.2073

Sweetspot

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



175.1300, 13.2469, 44.6130



237.6520, 4.6086, 15.2142



160.2250, 32.4271, 5.9417



117.4510, 2.7357, 9.2515



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.



175.1300, 13.2469, 44.6130



185.4940, 17.9975, 60.9568



170.5700, -4.2250, 48.6121



105.2010, 1.8729, 5.9627



66.7600, 28.2193, 95.8035



18.2280, 7.7756, 26.1100

Inverse Universe

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



175.1300, 13.2469, 44.6130



185.4940, 17.9975, 60.9568



199.4300, 4.2250, -48.6121



105.2010, 1.8729, 5.9627



66.7600, 28.2193, 95.8035



18.2280, 7.7756, 26.1100

Previews

White Background



This preview shows how the YUV color 175.1300, 13.2469, 44.6130 looks on a white background.

Color Contrast Check

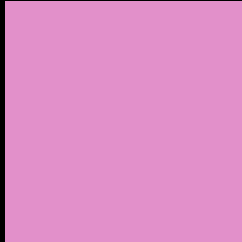
Large Text (above 18pt) WCAG AA × Fail

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 175.1300, 13.2469, 44.6130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

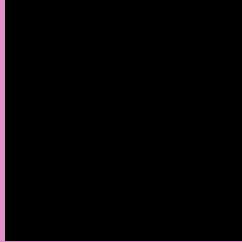
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.1300, 13.2469, 44.6130

Background



This preview shows how black text looks on a background with the YUV color 175.1300, 13.2469, 44.6130.



This preview shows how white text looks on a background with the YUV color 175.1300, 13.2469,

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

175.1300, 13.2469, 44.6130

Protanopia

171.4110, 23.4614, -11.7614

Deuteranopia

172.6270, 12.5089, 1.2041



Tritanopia

173.2980, -5.0769, 41.8347

Trichromacy



Original Color

175.1300, 13.2469, 44.6130



Protanomaly

172.9190, 19.7599, 8.8410



Deuteranomaly

173.7260, 12.4601, 16.9033



Tritanomaly

173.7310, 1.6116, 43.2089

Monochromacy



Original Color

175.1300, 13.2469, 44.6130



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

175.3640, 4.7505, 16.3438

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.1300, 13.2469, 44.6130 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(226, 144, 202)` looks like.

```
.text, #text, p{  
    color:rgb(226, 144, 202)  
}
```

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(226, 144, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 144, 202) }
```

Border

The CSS property to change the border of an element to YUV 175.1300, 13.2469, 44.6130 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(226, 144, 202) }
```


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

```
.border{ border-color:rgb(226, 144, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 144, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 144, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 144, 202); box-shadow:4px 4px 4px 4px rgb(226, 144, 202) }
```

Background

The CSS property to change the background color of an element to YUV 175.1300, 13.2469, 44.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 144, 202) }
```

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

```
.background{ background-color: rgb(226,  
144, 202) }
```

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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