

Converting Colors

YUV(169.9430, 23.6921,
54.4240)

Have a look what the booklet for
YUV(169.9430, 23.6921, 54.4240)
contains.

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Color

**YUV(169.9430, 23.6921,
54.4240)**

Conversions

Conversions Part 1

Format	Color
Hex	E881DA
RGB	232, 129, 218
RGB Percent	91%, 51%, 85%
CMY	0.0902, 0.4941, 0.1451
CMYK	0.00, 0.44, 0.06, 0.09
HSL	308°, 69%, 71%
HSV	308°, 44%, 91%
XYZ	53.7839, 37.9183, 70.8139
YIQ	169.9430, 32.8190, 49.5150

Conversions

Conversions Part 2

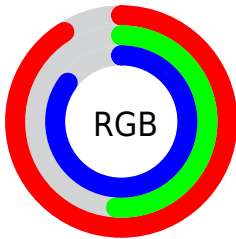
Format	Color
R _Y B	232, 129, 218
Decimal	15237594
CIE Lab	67.96, 51.66, -28.52
CIE LCh	68, 59.014, 331.099
Yxy	37.9183, 0.3309, 0.2333
Android (android.graphics.Color)	4293427674 (0xFFE881DA)
YUV	169.9430, 23.6921, 54.4240
Hunter-Lab	61.5778, 48.1459, -25.0785

Details

The YUV color **169.9430, 23.6921, 54.4240** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **191.0570, -23.6921, -54.4240**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.3230, 20.5468, 36.5507**, and **114.6330, 23.8449, 52.0649** is the 20% darker color. If you saturate the color by 10%, you get **156.1000, 29.0377, 66.5643**, and if you desaturate by 10%, it is **183.7860, 18.3465, 42.2837**.

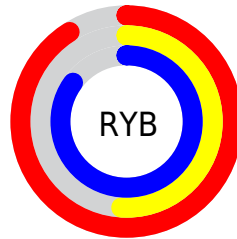
Distribution



Red (91%)

Green (51%)

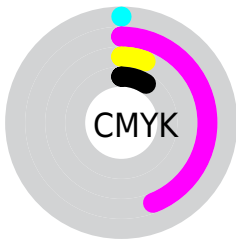
Blue (85%)



Red (91%)

Yellow (51%)

Blue (85%)

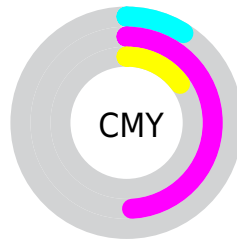


Cyan (0%)

Magenta (44%)

Yellow (6%)

Black (9%)



Cyan (9%)


Magenta (49%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 169.9430, 23.6921, 54.4240 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 169.9430, 23.6921, 54.4240 by changing the saturation by 10% instead.


 169.9430, 23.6921,
54.4240


 169.9430, 23.6921,
54.4240


255.0000, 0.0000,
0.0000


 142.2310, 23.5501,
53.2944


 213.3230, 20.5468,
36.5507


 114.6330, 23.8449,
52.0649


 230.3460, 12.1544,
21.6216

 87.3340, 23.9923,
51.4501

 247.3690, 3.7621,
6.6924

 57.6270, 26.3129,
53.8241

 37.3120, 24.0032,
47.9614

 26.8020, 17.3526,
34.3766

 17.4170, 11.1334,

22.4363

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 169.9430, 23.6921,
54.4240

■ 169.9430, 23.6921,
54.4240

■ 156.1000, 29.0377,
66.5643

■ 183.7860, 18.3465,
42.2837

■ 142.2570, 34.3833,
78.7046

■ 197.6290, 13.0009,
30.1434

■ 127.8270, 40.0183,
91.3597

■ 212.0590, 7.3659,
17.4883

■ 113.8700, 44.9271,
103.6000

■ 226.0160, 2.4571,
5.2480

100.0270, 50.2727,
115.7403

239.8590, -2.8885,
-6.8923

92.1680, 53.1612,
122.6327

246.0710, -4.4720,
-12.3403

246.4130, -3.1616,
-12.6402

246.7550, -1.8512,
-12.9401

247.0970, -0.5408,
-13.2401

Harmonies

Analogous

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



168.5370, 42.6263, 1.2831



169.9430, 23.6921, 54.4240



163.8480, 1.0609, 79.9403

Triad

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



169.9430, 23.6921, 54.4240



159.7890, -53.6330, 29.1260



137.0830, 40.3851, -120.2218

Complementary

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



169.9430, 23.6921, 54.4240



191.0570, -23.6921, -54.4240

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.



131.6280, 16.9454, -115.4378



169.9430, 23.6921, 54.4240



153.7990, -42.2989, -12.9787

Square

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



169.9430, 23.6921, 54.4240



163.0010, -44.8635, 63.1431



141.3630, -14.4760, -70.4784



137.0780, 58.1355, -120.2174

Rectangle

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



169.9430, 23.6921, 54.4240



161.5050, -15.5320, 81.9951



141.3630, -14.4760, -70.4784



135.7320, 32.6701, -119.0370

Sweetspot

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



169.9430, 23.6921, 54.4240



235.0590, 7.3659, 17.4883



144.9280, 42.9265, -1.6909



115.3310, 4.7668, 11.1107



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.



169.9430, 23.6921, 54.4240



173.7030, 31.2054, 71.2975



164.1290, 1.4154, 59.5229



107.7280, 2.5991, 6.3775



71.0770, 40.8810, 94.6485



20.2650, 11.7014, 26.9546

Inverse Universe

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



169.9430, 23.6921, 54.4240



173.7030, 31.2054, 71.2975



196.8710, -1.4154, -59.5229



107.7280, 2.5991, 6.3775



71.0770, 40.8810, 94.6485



20.2650, 11.7014, 26.9546

Previews

White Background



This preview shows how the YUV color 169.9430, 23.6921, 54.4240 looks on a white background.

Color Contrast Check

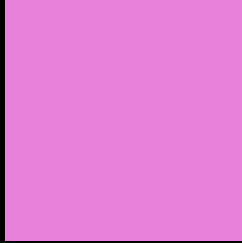
Large Text (above 18pt) WCAG AA × Fail

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 169.9430, 23.6921, 54.4240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

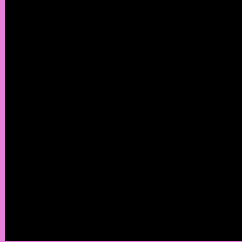
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.9430, 23.6921, 54.4240

Background



This preview shows how black text looks on a background with the YUV color 169.9430, 23.6921, 54.4240.



This preview shows how white text looks on a background with the YUV color 169.9430, 23.6921, 54.4240.

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

169.9430, 23.6921, 54.4240

Protanopia

165.1720, 39.3552, -22.9528

Deuteranopia

167.0910, 22.1401, -7.9728



Tritanopia

168.4730, -7.1352, 48.6972

Trichromacy



Original Color

169.9430, 23.6921, 54.4240



Protanomaly

167.1540, 33.4481, 5.1269



Deuteranomaly

168.3480, 22.5064, 14.6038



Tritanomaly

169.0570, 3.9159, 50.8160

Monochromacy



Original Color

169.9430, 23.6921, 54.4240



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

170.0100, 8.3761, 20.1622

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.9430, 23.6921, 54.4240 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(232, 129, 218)` looks like.

```
.text, #text, p{  
    color:rgb(232, 129, 218)  
}
```

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(232, 129, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 129, 218) }
```

Border

The CSS property to change the border of an element to YUV 169.9430, 23.6921, 54.4240 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(232, 129, 218) }
```


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

```
.border{ border-color:rgb(232, 129, 218) }
```

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

Here you see how a box with a 4 pixel rgb(232, 129, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 129, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 129, 218);  
box-shadow:4px 4px 4px 4px rgb(232, 129,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 169.9430, 23.6921, 54.4240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 129, 218) }
```

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

```
.background{ background-color: rgb(232,  
129, 218) }
```

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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