

Converting Colors

YUV(174.9540, 23.6867,
56.1683)

Have a look what the booklet for
YUV(174.9540, 23.6867, 56.1683)
contains.

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Color

**YUV(174.9540, 23.6867,
56.1683)**

Conversions

Conversions Part 1

Format	Color
Hex	EF85DF
RGB	239, 133, 223
RGB Percent	94%, 52%, 87%
CMY	0.0627, 0.4784, 0.1255
CMYK	0.00, 0.44, 0.07, 0.06
HSL	309°, 77%, 73%
HSV	309°, 44%, 94%
XYZ	57.3034, 40.4535, 74.6001
YIQ	174.9540, 34.2860, 50.4620

Conversions

Conversions Part 2

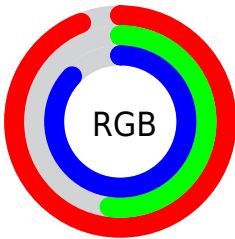
Format	Color
R _Y B	239, 133, 223
Decimal	15697375
CIE Lab	69.79, 52.60, -28.40
CIE LCh	70, 59.780, 331.637
Yxy	40.4535, 0.3325, 0.2347
Android (android.graphics.Color)	4293887455 (0xFFEF85DF)
YUV	174.9540, 23.6867, 56.1683
Hunter-Lab	63.6031, 49.5149, -25.0192

Details

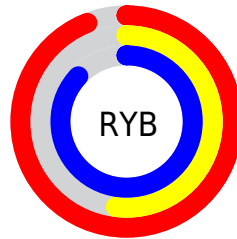
The YUV color **174.9540, 23.6867, 56.1683** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **197.0460, -23.6867, -56.1683**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.2580, 19.0998, 33.9767**, and **119.6440, 23.8395, 53.8092** is the 20% darker color. If you saturate the color by 10%, you get **160.4100, 28.8849, 68.9234**, and if you desaturate by 10%, it is **189.4980, 18.4885, 43.4133**.

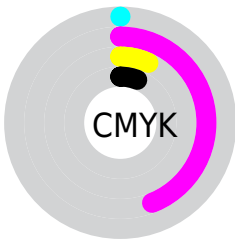
Distribution



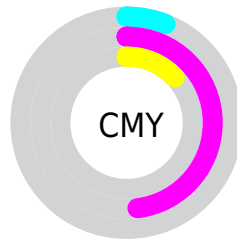
- Red (94%)
- Green (52%)
- Blue (87%)



- Red (94%)
- Yellow (52%)
- Blue (87%)



- Cyan (0%)
- Magenta (44%)
- Yellow (7%)
- Black (6%)



- Cyan (6%)
- Magenta (48%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.9540, 23.6867, 56.1683 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 174.9540, 23.6867, 56.1683 by changing the saturation by 10% instead.

174.9540, 23.6867,
56.1683

174.9540, 23.6867,
56.1683

255.0000, 0.0000,
0.0000

147.2420, 23.5447,
55.0388

216.2580, 19.0998,
33.9767

119.6440, 23.8395,
53.8092

232.6940, 10.9969,
19.5624

92.3450, 23.9869,
53.1944

249.7170, 2.6045,
4.6332

62.8120, 25.7287,
54.5389

39.5620, 24.8659,
51.2501

29.0520, 18.2154,
37.6654

19.9660, 11.8488,

26.3398

■ 5.4980, 8.1355,
3.9483

■ 0.0000, 0.0000,
0.0000

■ 174.9540, 23.6867,
56.1683

■ 174.9540, 23.6867,
56.1683

■ 160.4100, 28.8849,
68.9234

■ 189.4980, 18.4885,
43.4133

■ 145.9800, 34.5199,
81.5785

■ 203.9280, 12.8535,
30.7581

■ 131.4360, 39.7181,
94.3336

■ 218.4720, 7.6553,
18.0031

■ 117.0060, 45.3530,
106.9887

■ 232.9020, 2.0203,
5.3479

103.0490, 50.2618,
119.2290

246.8590, -2.8885,
-6.8923

94.6030, 53.4397,
126.6362

249.0760, -2.0095,
-8.8367

249.4180, -0.6991,
-9.1366

249.8740, 1.0481,
-9.5365

250.2160, 2.3585,
-9.8364

Harmonies

Analogous

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



172.6790, 40.5843, 2.9125



174.9540, 23.6867, 56.1683



166.6520, 1.6506, 77.4812

Triad

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



174.9540, 23.6867, 56.1683



164.2620, -54.3592, 28.7112



140.8160, 41.9957, -123.4956

Complementary

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



174.9540, 23.6867, 56.1683



197.0460, -23.6867, -56.1683

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.



135.2470, 18.1192, -118.6116



174.9540, 23.6867, 56.1683



158.6740, -42.7303, -14.6231

Square

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



174.9540, 23.6867, 56.1683



167.6590, -46.1739, 63.4431



145.1670, -13.8863, -72.9375



140.0130, 56.6886, -122.7914

Rectangle

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



174.9540, 23.6867, 56.1683



164.3090, -14.9423, 79.5360



145.1670, -13.8863, -72.9375



139.4650, 34.2808, -122.3108

Sweetspot

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



174.9540, 23.6867, 56.1683



235.0590, 7.3659, 17.4883



149.8680, 43.9421, -0.7612



115.2170, 4.3300, 11.2107



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.



174.9540, 23.6867, 56.1683



173.4750, 30.3318, 71.4974



168.9120, 0.5364, 61.4672



112.7280, 2.5991, 6.3775



72.8000, 41.0176, 97.5224



22.2160, 12.7115, 29.6286

Inverse Universe

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



174.9540, 23.6867, 56.1683



173.4750, 30.3318, 71.4974



203.0880, -0.5364, -61.4672



112.7280, 2.5991, 6.3775



72.8000, 41.0176, 97.5224



22.2160, 12.7115, 29.6286

Previews

White Background



This preview shows how the YUV color 174.9540, 23.6867, 56.1683 looks on a white background.

Color Contrast Check

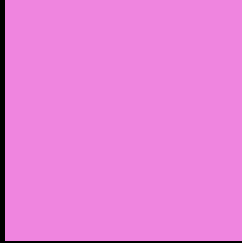
Large Text (above 18pt) WCAG AA × Fail

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 174.9540, 23.6867, 56.1683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

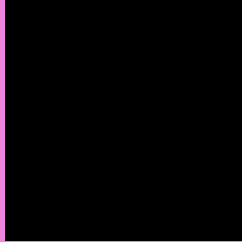
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.9540, 23.6867, 56.1683

Background



This preview shows how black text looks on a background with the YUV color 174.9540, 23.6867, 56.1683.



This preview shows how white text looks on a background with the YUV color 174.9540, 23.6867,

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

174.9540, 23.6867, 56.1683

Protanopia

170.1720, 39.3552, -22.9528

Deuteranopia

172.0910, 22.1401, -7.9728



Tritanopia

173.3700, -7.5774, 50.5415

Trichromacy



Original Color

174.9540, 23.6867, 56.1683



Protanomaly

171.8660, 33.5901, 6.2565



Deuteranomaly

173.0600, 22.6484, 15.7334



Tritanomaly

174.0680, 3.9105, 52.5604

Monochromacy



Original Color

174.9540, 23.6867, 56.1683



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

175.0100, 8.3761, 20.1622

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.9540, 23.6867, 56.1683 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(239, 133, 223)` looks like.

```
.text, #text, p{  
    color:rgb(239, 133, 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(239, 133, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 133, 223) }
```

Border

The CSS property to change the border of an element to YUV 174.9540, 23.6867, 56.1683 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(239, 133, 223) }
```


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

```
.border{ border-color:rgb(239, 133, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 133, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 133, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 133, 223);  
box-shadow:4px 4px 4px 4px rgb(239, 133,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 174.9540, 23.6867, 56.1683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 133, 223) }
```

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

```
.background{ background-color: rgb(239,  
133, 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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