

Converting Colors

YUV(99.5870, 54.4336,
134.5432)

Have a look what the booklet for
YUV(99.5870, 54.4336, 134.5432)
contains.

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Color

**YUV(99.5870, 54.4336,
134.5432)**

Conversions

Conversions Part 1

Format	Color
Hex	FD00D2
RGB	253, 0, 210
RGB Percent	99%, 0%, 82%
CMY	0.0078, 1.0000, 0.1765
CMYK	0.00, 1.00, 0.17, 0.01
HSL	310°, 100%, 50%
HSV	310°, 100%, 99%
XYZ	52.1409, 25.5358, 63.1535
YIQ	99.5870, 83.3780, 118.9460

Conversions

Conversions Part 2

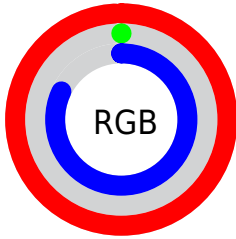
Format	Color
RYB	253, 0, 210
Decimal	16580818
CIELab	57.59, 92.09, -39.91
CIElCh	58, 100.368, 336.572
Yxy	25.5358, 0.3702, 0.1813
Android (android.graphics.Color)	4294770898 (0xFFFD00D2)
YUV	99.5870, 54.4336, 134.5432
Hunter-Lab	50.5329, 95.7471, -38.7246

Details

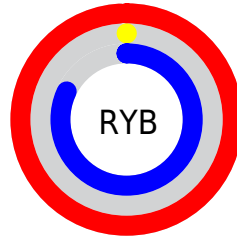
The YUV color **99.5870, 54.4336, 134.5432** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **153.4130, -54.4336, -134.5432**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7760, 43.9874, 78.2494**, and **74.7790, 39.5490, 101.9258** is the 20% darker color. If you saturate the color by 10%, you get **99.5870, 54.4336, 134.5432**, and if you desaturate by 10%, it is **114.7180, 48.9460, 121.2733**.

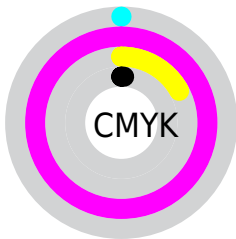
Distribution



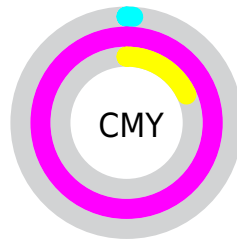
- Red (99%)
- Green (0%)
- Blue (82%)



- Red (99%)
- Yellow (0%)
- Blue (82%)



- Cyan (0%)
- Magenta (100%)
- Yellow (17%)
- Black (1%)





- Cyan (1%)
- Magenta (100%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 99.5870, 54.4336, 134.5432 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 99.5870, 54.4336, 134.5432 by changing the saturation by 10% instead.


 99.5870, 54.4336,
134.5432


 99.5870, 54.4336,
134.5432


255.0000, 0.0000,
0.0000


 87.1260, 46.7729,
118.2845


 165.7760, 43.9874,
78.2494


 74.7790, 39.5490,
101.9258


 184.5600, 34.7269,
61.7759

 62.7310, 32.1776,
86.1819


 203.3440, 25.4664,
45.3023

 50.9110, 25.6799,
70.2381

 221.5410, 16.4953,
29.3435

 39.0910, 19.1821,
54.2942

 239.7380, 7.5242,
13.3848

 28.0970, 13.2632,
39.3799

 16.5050, 7.6390,

23.2361

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 99.5870, 54.4336,
134.5432

■ 114.7180, 48.9460,
121.2733

■ 130.5500, 43.6059,
107.3887

■ 145.6810, 38.1183,
94.1188

■ 160.8120, 32.6307,
80.8489

■ 176.6440, 27.2905,
66.9642

■ 191.7750, 21.8029,
53.6943

■ 206.9060, 16.3153,
40.4244

■ 222.0370, 10.8278,
27.1546

■ 237.8690, 5.4876,
13.2699

Harmonies

Analogous

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



135.5770, 58.8755, 16.1570



99.5870, 54.4336, 134.5432



90.2670, 16.1374, 144.4708

Triad

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



99.5870, 54.4336, 134.5432



128.5030, -63.3520, 19.7299



129.1390, 55.6405, -113.2549

Complementary

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



99.5870, 54.4336, 134.5432



153.4130, -54.4336, -134.5432

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.



119.3350, 18.0758, -104.6568



99.5870, 54.4336, 134.5432



105.8800, -52.1988, -57.7768

Square

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



99.5870, 54.4336, 134.5432



128.6000, -63.3998, 81.9118



106.1570, -22.2624, -93.0997



126.5120, 63.3446, -110.9510

Rectangle

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



99.5870, 54.4336, 134.5432



83.8830, -8.3233, 150.0696



106.1570, -22.2624, -93.0997



126.6480, 43.5575, -111.0703

Sweetspot

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



99.5870, 54.4336, 134.5432



208.9060, 16.3153, 40.4244



41.4000, 104.3188, 0.5262



100.0860, 9.8176, 24.4806



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.



99.5870, 54.4336, 134.5432



100.4130, 55.0124, 135.5728



85.2230, -0.6029, 147.1404



120.0270, 2.4517, 6.9923



75.2350, 41.2961, 101.5259



25.1780, 13.7162, 34.0469

Inverse Universe

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



99.5870, 54.4336, 134.5432



100.4130, 55.0124, 135.5728



167.7770, 0.6029, -147.1404



120.0270, 2.4517, 6.9923



75.2350, 41.2961, 101.5259



25.1780, 13.7162, 34.0469

Previews

White Background



This preview shows how the YUV color 99.5870, 54.4336, 134.5432 looks on a white background.

Color Contrast Check

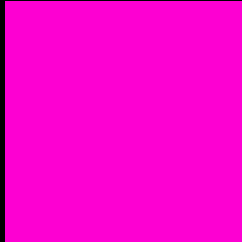
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.5870, 54.4336, 134.5432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

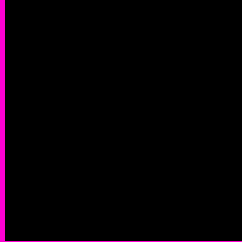
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 99.5870, 54.4336, 134.5432

Background



This preview shows how black text looks on a background with the YUV color 99.5870, 54.4336, 134.5432.

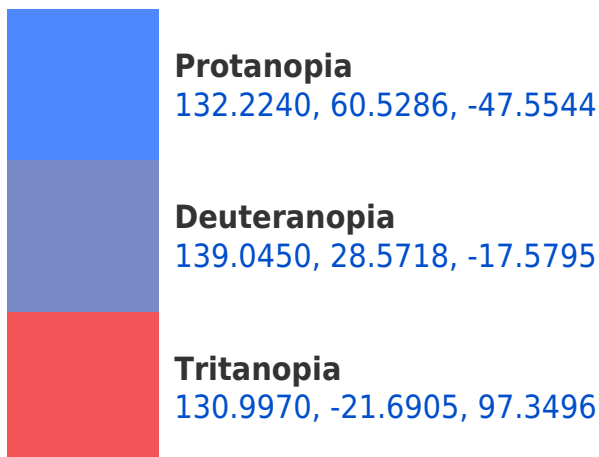


This preview shows how white text looks on a background with the YUV color 99.5870, 54.4336,

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



Trichromacy



Protanomaly

120.7730, 58.2859, 18.6161

Deuteranomaly

124.9160, 38.0024, 37.7847

Tritanomaly

119.7130, 6.0575, 110.7537

Monochromacy



Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.1720, 19.6352, 48.9612

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.5870, 54.4336, 134.5432 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(253, 0, 210)` looks like.

```
.text, #text, p{  
    color:rgb(253, 0, 210)  
}
```

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(253, 0, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 0, 210) }
```

Border

The CSS property to change the border of an element to YUV 99.5870, 54.4336, 134.5432 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(253, 0, 210) }
```

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

```
.border{ border-color:rgb(253, 0, 210) }
```

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

Here you see how a box with a 4 pixel rgb(253, 0, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 0, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 0, 210);  
box-shadow:4px 4px 4px 4px rgb(253, 0,  
210) }
```


Background

The CSS property to change the background color of an element to YUV 99.5870, 54.4336, 134.5432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 0, 210) }
```

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

```
.background{ background-color: rgb(253, 0,  
210) }
```

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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