

Converting Colors

YUV(136.5850, 50.4906,
92.4490)

Have a look what the booklet for
YUV(136.5850, 50.4906, 92.4490)
contains.

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Color

**YUV(136.5850, 50.4906,
92.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	F23FEF
RGB	242, 63, 239
RGB Percent	95%, 25%, 94%
CMY	0.0510, 0.7529, 0.0627
CMYK	0.00, 0.74, 0.01, 0.05
HSL	301°, 87%, 60%
HSV	301°, 74%, 95%
XYZ	53.9754, 28.6643, 84.3493
YIQ	136.5850, 50.1880, 92.6840

Conversions

Conversions Part 2

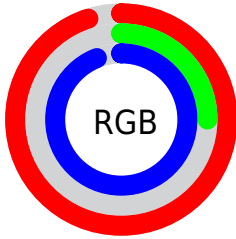
Format	Color
R _{YB}	242, 63, 239
Decimal	15876079
CIE _{Lab}	60.48, 84.38, -51.81
CIE _{LCh}	60, 99.019, 328.448
Yxy	28.6643, 0.3232, 0.1717
Android (android.graphics.Color)	4294066159 (0xFFFF23FEF)
YUV	136.5850, 50.4906, 92.4490
Hunter-Lab	53.5390, 86.2618, -55.9325

Details

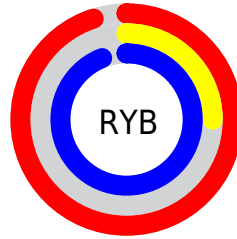
The YUV color **136.5850, 50.4906, 92.4490** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **168.4150, -50.4906, -92.4490**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.4510, 36.7527, 65.3795**, and **75.1660, 52.6692, 93.6934** is the 20% darker color. If you saturate the color by 10%, you get **122.4970, 57.4360, 104.8041**, and if you desaturate by 10%, it is **150.6730, 43.5452, 80.0938**.

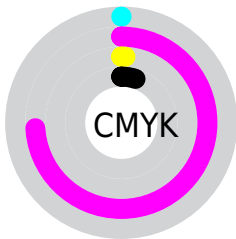
Distribution



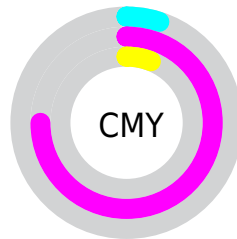
- Red (95%)
- Green (25%)
- Blue (94%)



- Red (95%)
- Yellow (25%)
- Blue (94%)



- Cyan (0%)
- Magenta (74%)
- Yellow (1%)
- Black (5%)





- Cyan (5%)
- Magenta (75%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 136.5850, 50.4906, 92.4490 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 136.5850, 50.4906, 92.4490 by changing the saturation by 10% instead.


 136.5850, 50.4906,
92.4490


 136.5850, 50.4906,
92.4490


255.0000, 0.0000,
0.0000


 93.1980, 57.5834,
104.1894


 180.4510, 36.7527,
65.3795


 75.1660, 52.6692,
93.6934


 198.0610, 28.0709,
49.9355


 63.1180, 45.2978,
77.9495


 215.6710, 19.3892,
34.4915

 51.3690, 37.7791,
62.8204

 233.2810, 10.7075,
19.0476

 39.7340, 30.6971,
47.5913

 251.4780, 1.7363,
3.0888

 28.9250, 24.1940,
33.3918

 16.9200, 18.2804,

16.7332

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 136.5850, 50.4906,
92.4490

■ 136.5850, 50.4906,
92.4490

■ 122.4970, 57.4360,
104.8041

■ 150.6730, 43.5452,
80.0938

■ 108.2950, 63.9446,
117.2593

■ 164.8750, 37.0366,
67.6386

■ 99.4900, 68.2854,
124.9813

■ 179.5500, 29.8018,
54.7686

■ 193.7520, 23.2933,
42.3135

207.8400, 16.3479,
29.9583

221.9280, 9.4025,
17.6031

236.1300, 2.8939,
5.1480

249.6310, -3.7621,
-6.6924

249.7450, -3.3253,
-6.7924

Harmonies

Analogous

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



135.6450, 58.8420, -19.8597



136.5850, 50.4906, 92.4490



93.8010, 29.6781, 141.3715

Triad

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



136.5850, 50.4906, 92.4490



136.8860, -67.4848, 38.6880



132.2390, 47.2102, -115.9736

Complementary

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



136.5850, 50.4906, 92.4490



168.4150, -50.4906, -92.4490

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.



122.0930, 8.3352, -107.0756



136.5850, 50.4906, 92.4490



124.0750, -61.1690, -27.2528

Square

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



136.5850, 50.4906, 92.4490



132.8410, -65.4906, 99.2404



107.8720, -33.4609, -94.6037



132.3820, 60.4507, -116.0990

Rectangle

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



136.5850, 50.4906, 92.4490



87.3030, 4.7806, 147.0703



107.8720, -33.4609, -94.6037



129.5200, 34.2536, -113.5890

Sweetspot

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



136.5850, 50.4906, 92.4490



222.0140, 15.7691, 28.9287



84.3030, 77.7446, -16.0517



107.9280, 9.4025, 17.6031



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.



136.5850, 50.4906, 92.4490



121.2950, 63.9446, 117.2593



126.4390, 11.6156, 101.3470



112.9560, 3.4727, 6.1776



75.6500, 51.9375, 95.0229



23.0140, 15.7691, 28.9287

Inverse Universe

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



136.5850, 50.4906, 92.4490



121.2950, 63.9446, 117.2593



178.5610, -11.6156, -101.3470



112.9560, 3.4727, 6.1776



75.6500, 51.9375, 95.0229



23.0140, 15.7691, 28.9287

Previews

White Background



This preview shows how the YUV color 136.5850, 50.4906, 92.4490 looks on a white background.

Color Contrast Check

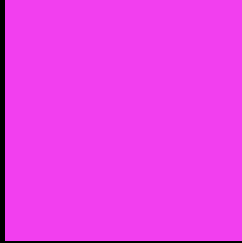
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.5850, 50.4906, 92.4490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

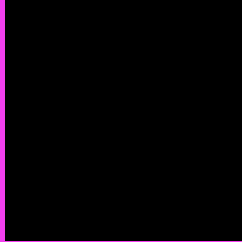
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.5850, 50.4906, 92.4490

Background



This preview shows how black text looks on a background with the YUV color 136.5850, 50.4906, 92.4490.



This preview shows how white text looks on a background with the YUV color 136.5850, 50.4906, 92.4490.

92.4490.

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

136.5850, 50.4906, 92.4490

Protanopia

140.8180, 56.2917, -41.9364

Deuteranopia

142.6760, 41.5717, -33.9189



Tritanopia

144.6780, -14.6313, 73.0734

Trichromacy



Original Color

136.5850, 50.4906, 92.4490



Protanomaly

139.2570, 54.1033, 6.7906



Deuteranomaly

140.4720, 44.6303, 11.8641



Tritanomaly

141.9110, 8.9179, 79.8851

Monochromacy



Original Color

136.5850, 50.4906, 92.4490



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

136.7310, 18.3736, 33.5619

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.5850, 50.4906, 92.4490 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(242, 63, 239)` looks like.

```
.text, #text, p{  
    color:rgb(242, 63, 239)  
}
```

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(242, 63, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 63, 239) }
```

Border

The CSS property to change the border of an element to YUV 136.5850, 50.4906, 92.4490 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(242, 63, 239) }
```


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

```
.border{ border-color:rgb(242, 63, 239) }
```

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

Here you see how a box with a 4 pixel rgb(242, 63, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 63, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 63, 239);  
box-shadow:4px 4px 4px 4px rgb(242, 63,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 136.5850, 50.4906, 92.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 63, 239) }
```

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

```
.background{ background-color: rgb(242, 63,  
239) }
```

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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