

Converting Colors

YUV(89.1720, 23.5792,
137.5382)

Have a look what the booklet for
YUV(89.1720, 23.5792, 137.5382)
contains.

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Color

**YUV(89.1720, 23.5792,
137.5382)**

Conversions

Conversions Part 1

Format	Color
Hex	F60089
RGB	246, 0, 137
RGB Percent	96%, 0%, 54%
CMY	0.0353, 1.0000, 0.4627
CMYK	0.00, 1.00, 0.44, 0.04
HSL	327°, 100%, 48%
HSV	327°, 100%, 96%
XYZ	42.5214, 21.3990, 25.5562
YIQ	89.1720, 102.6390, 94.7590

Conversions

Conversions Part 2

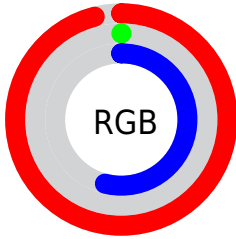
Format	Color
R_{YB}	246, 0, 137
Decimal	16121993
CIE _{Lab}	53.38, 83.34, -3.74
CIE _{LCh}	53, 83.425, 357.428
Yxy	21.3990, 0.4752, 0.2392
Android (android.graphics.Color)	4294312073 (0xFFFF60089)
YUV	89.1720, 23.5792, 137.5382
Hunter-Lab	46.2590, 83.1243, -0.3740

Details

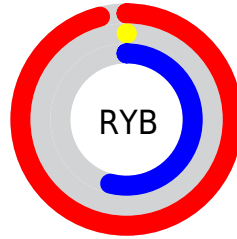
The YUV color **89.1720, 23.5792, 137.5382** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **156.8280, -23.5792, -137.5382**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.4310, 17.0425, 87.3220**, and **64.6350, 11.0259, 103.8061** is the 20% darker color. If you saturate the color by 10%, you get **89.1720, 23.5792, 137.5382**, and if you desaturate by 10%, it is **105.1010, 21.1492, 123.5684**.

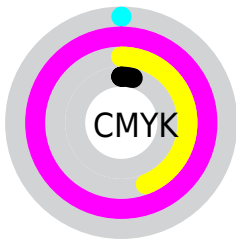
Distribution



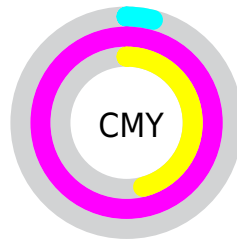
- Red (96%)
- Green (0%)
- Blue (54%)



- Red (96%)
- Yellow (0%)
- Blue (54%)



- Cyan (0%)
- Magenta (100%)
- Yellow (44%)
- Black (4%)





- Cyan (4%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.1720, 23.5792, 137.5382 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 89.1720, 23.5792, 137.5382 by changing the saturation by 10% instead.


 89.1720, 23.5792,
137.5382


 89.1720, 23.5792,
137.5382

255.0000, 0.0000,
0.0000


 76.7540, 17.3763,
120.3647


 155.4310, 17.0425,
87.3220


 64.6350, 11.0259,
103.8061


 177.4070, 20.0123,
68.0491


 52.7440, 5.5492,
87.0475


 198.7960, 23.2716,
49.2909

 41.0810, 0.9461,
70.0890

 217.4320, 18.5210,
32.9471

 29.7170, -3.8045,
53.7452

 235.6290, 9.5499,
16.9884

 18.5810, -7.6814,
37.2015

 253.2390, 0.8682,

 7.2900, -3.1010,

1.5444

14.6547

■ 0.0000, 0.0000,
0.0000

■ 89.1720, 23.5792,
137.5382

■ 105.1010, 21.1492,
123.5684

■ 120.4430, 19.0086,
110.1135

■ 136.3720, 16.5786,
96.1438

■ 151.7140, 14.4380,
82.6888

■ 167.5290, 11.5712,
68.8191

■ 183.4580, 9.1412,
54.8493

■ 198.8000, 7.0006,
41.3944

■ 214.7290, 4.5706,
27.4247

■ 230.0710, 2.4300,
13.9697

Harmonies

Analogous

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



123.5210, 40.6621, 71.4571



89.1720, 23.5792, 137.5382



104.9600, -18.7143, 122.8151

Triad

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



89.1720, 23.5792, 137.5382



109.9650, -54.2127, -18.3863



118.1970, 64.4859, -103.6588

Complementary

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



89.1720, 23.5792, 137.5382



156.8280, -23.5792, -137.5382

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.



114.6340, 38.1414, -100.5340



89.1720, 23.5792, 137.5382



93.7840, -26.5155, -82.2486

Square

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



89.1720, 23.5792, 137.5382



120.0410, -59.1802, 35.0440



105.7250, 6.5446, -92.7208



110.6630, 71.1581, -97.0515

Rectangle

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



89.1720, 23.5792, 137.5382



113.8530, -50.2135, 99.2299



105.7250, 6.5446, -92.7208



117.5470, 56.9183, -103.0887

Sweetspot

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



89.1720, 23.5792, 137.5382



206.5120, 7.1426, 42.5240



60.0370, 91.6798, 41.1866



98.6040, 4.1392, 25.7803



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.



89.1720, 23.5792, 137.5382



92.4330, 24.4365, 142.5713



75.3780, -29.2734, 149.6355



114.3860, 1.2887, 6.6775



67.4700, 18.0093, 103.9508



21.4030, 5.7173, 32.9726

Inverse Universe

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



89.1720, 23.5792, 137.5382



92.4330, 24.4365, 142.5713



170.6220, 29.2734, -149.6355



114.3860, 1.2887, 6.6775



67.4700, 18.0093, 103.9508



21.4030, 5.7173, 32.9726

Previews

White Background



This preview shows how the YUV color 89.1720, 23.5792, 137.5382 looks on a white background.

Color Contrast Check

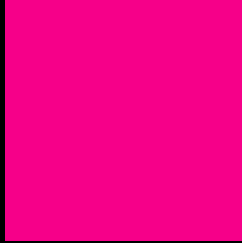
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.1720, 23.5792, 137.5382 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 89.1720, 23.5792, 137.5382

Background



This preview shows how black text looks on a background with the YUV color 89.1720, 23.5792, 137.5382.



This preview shows how white text looks on a background with the YUV color 89.1720, 23.5792,

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

89.1720, 23.5792, 137.5382

Protanopia

128.1030, 33.9662, -21.1383

Deuteranopia

130.3110, -1.6323, 10.2513



Tritanopia

110.3260, -27.2757, 115.4781

Trichromacy



Original Color

89.1720, 23.5792, 137.5382



Protanomaly

114.1410, 30.0035, 36.7103



Deuteranomaly

115.7140, 7.5360, 56.3788



Tritanomaly

102.3050, -8.5314, 123.3895

Monochromacy



Original Color

89.1720, 23.5792, 137.5382



Achromatopsia

89.0000, 0.0000, 0.0000



Achromatomaly

89.1970, 8.2839, 49.8162

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.1720, 23.5792, 137.5382 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(246, 0, 137)` looks like.

```
.text, #text, p{  
    color:rgb(246, 0, 137)  
}
```

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(246, 0, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 0, 137) }
```

Border

The CSS property to change the border of an element to YUV 89.1720, 23.5792, 137.5382 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(246, 0, 137) }
```


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

```
.border{ border-color:rgb(246, 0, 137) }
```

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

Here you see how a box with a 4 pixel rgb(246, 0, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 0, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 0, 137);  
box-shadow:4px 4px 4px 4px rgb(246, 0,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 89.1720, 23.5792, 137.5382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 0, 137) }
```

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

```
.background{ background-color: rgb(246, 0,  
137) }
```

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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