

Converting Colors

YUV(180.6770, 23.8232,
59.0423)

Have a look what the booklet for
YUV(180.6770, 23.8232, 59.0423)
contains.

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Color

**YUV(180.6770, 23.8232,
59.0423)**

Conversions

Conversions Part 1

Format	Color
Hex	F889E5
RGB	248, 137, 229
RGB Percent	97%, 54%, 90%
CMY	0.0275, 0.4627, 0.1020
CMYK	0.00, 0.45, 0.08, 0.03
HSL	310°, 89%, 75%
HSV	310°, 45%, 97%
XYZ	61.7999, 43.5049, 79.2688
YIQ	180.6770, 36.6240, 52.1440

Conversions

Conversions Part 2

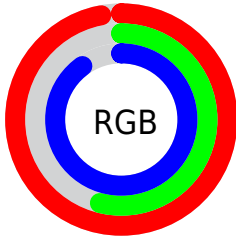
Format	Color
R _Y B	248, 137, 229
Decimal	16288229
CIE Lab	71.90, 54.30, -28.37
CIE LCh	72, 61.267, 332.412
Yxy	43.5049, 0.3348, 0.2357
Android (android.graphics.Color)	4294478309 (0xFFFF889E5)
YUV	180.6770, 23.8232, 59.0423
Hunter-Lab	65.9583, 51.8195, -25.0841

Details

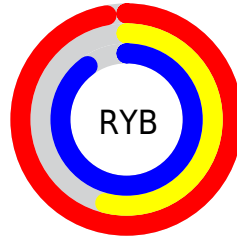
The YUV color **180.6770, 23.8232, 59.0423** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **204.3230, -23.8232, -59.0423**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.6060, 17.9422, 31.9175**, and **125.2530, 23.5393, 56.7831** is the 20% darker color. If you saturate the color by 10%, you get **165.5460, 29.3108, 72.3122**, and if you desaturate by 10%, it is **195.8080, 18.3357, 45.7724**.

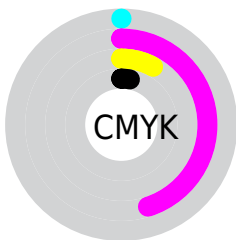
Distribution



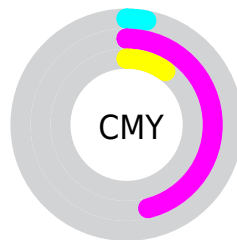
- Red (97%)
- Green (54%)
- Blue (90%)



- Red (97%)
- Yellow (54%)
- Blue (90%)



- Cyan (0%)
- Magenta (45%)
- Yellow (8%)
- Black (3%)




- Cyan (3%)
- Magenta (46%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 180.6770, 23.8232, 59.0423 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 180.6770, 23.8232, 59.0423 by changing the saturation by 10% instead.


 180.6770, 23.8232,
59.0423

 180.6770, 23.8232,
59.0423


255.0000, 0.0000,
0.0000


 152.6660, 23.8287,
57.2979


 218.6060, 17.9422,
31.9175


 125.2530, 23.5393,
56.7831


 235.6290, 9.5499,
16.9884

 97.0680, 24.1235,
56.0684

 252.6520, 1.1576,
2.0592

 67.6490, 26.3020,
57.3128

 42.5240, 25.8707,
55.6685

 32.0140, 19.2201,
42.0837

 22.0310, 13.2957,

28.9138

■ 10.8520, 7.9610,
13.2848

■ 0.0000, 0.0000,
0.0000

■ 180.6770, 23.8232,
59.0423

■ 180.6770, 23.8232,
59.0423

■ 165.5460, 29.3108,
72.3122

■ 195.8080, 18.3357,
45.7724

■ 150.4150, 34.7984,
85.5820

■ 210.9390, 12.8481,
32.5025

■ 135.7570, 39.5598,
98.4371

■ 225.5970, 8.0867,
19.6474

■ 120.6260, 45.0474,
111.7070

■ 240.7280, 2.5991,
6.3775

105.4950, 50.5350,
124.9769

252.3370, -1.1521,
-3.8035

97.6360, 53.4235,
131.8692

252.7930, 0.5951,
-4.2035

252.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



178.0060, 37.9580, 5.2567



180.6770, 23.8232, 59.0423



169.4560, 2.2402, 75.0221

Triad

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



180.6770, 23.8232, 59.0423



169.8060, -56.1064, 29.1111



145.3640, 44.1905, -127.4842

Complementary

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



180.6770, 23.8232, 59.0423



204.3230, -23.8232, -59.0423

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.



140.1540, 19.1511, -122.9151



180.6770, 23.8232, 59.0423



163.5490, -43.1617, -16.2675

Square

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



180.6770, 23.8232, 59.0423



172.9150, -47.7791, 64.9725



149.5470, -13.5807, -77.6557



143.5350, 54.9522, -125.8802

Rectangle

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



180.6770, 23.8232, 59.0423



167.5860, -15.0789, 76.6621



149.5470, -13.5807, -77.6557



143.8990, 36.0388, -126.1994

Sweetspot

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



180.6770, 23.8232, 59.0423



234.9450, 6.9291, 17.5882



155.0360, 45.8313, -0.0316



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.



180.6770, 23.8232, 59.0423



171.2580, 29.4528, 73.4417



174.4070, -0.2007, 64.5411



117.1410, 2.8885, 6.8923



74.2950, 40.2806, 100.5963



24.0530, 13.2849, 32.4025

Inverse Universe

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



180.6770, 23.8232, 59.0423



171.2580, 29.4528, 73.4417



210.5930, 0.2007, -64.5411



117.1410, 2.8885, 6.8923



74.2950, 40.2806, 100.5963



24.0530, 13.2849, 32.4025

Previews

White Background



This preview shows how the YUV color 180.6770, 23.8232, 59.0423 looks on a white background.

Color Contrast Check

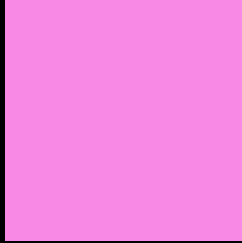
Large Text (above 18pt) WCAG AA × Fail

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 180.6770, 23.8232, 59.0423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

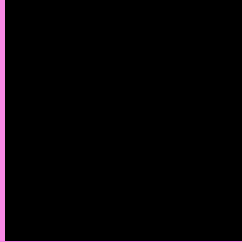
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.6770, 23.8232, 59.0423

Background



This preview shows how black text looks on a background with the YUV color 180.6770, 23.8232, 59.0423.



This preview shows how white text looks on a background with the YUV color 180.6770, 23.8232,

59.0423.

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

180.6770, 23.8232, 59.0423

Protanopia

176.0580, 38.9184, -22.8529

Deuteranopia

177.8030, 22.2821, -6.8432



Tritanopia

178.9790, -7.8776, 53.5154

Trichromacy



Original Color

180.6770, 23.8232, 59.0423



Protanomaly

178.1650, 33.4427, 6.8713



Deuteranomaly

178.7720, 22.7904, 16.8630



Tritanomaly

179.6770, 3.6102, 55.5343

Monochromacy



Original Color

180.6770, 23.8232, 59.0423



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

180.7220, 8.5181, 21.2918

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.6770, 23.8232, 59.0423 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(248, 137, 229)` looks like.

```
.text, #text, p{  
    color:rgb(248, 137, 229)  
}
```

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(248, 137, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 137, 229) }
```

Border

The CSS property to change the border of an element to YUV 180.6770, 23.8232, 59.0423 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(248, 137, 229) }
```


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

```
.border{ border-color:rgb(248, 137, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 137, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 137, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 137, 229); box-shadow:4px 4px 4px 4px rgb(248, 137, 229) }
```

Background

The CSS property to change the background color of an element to YUV 180.6770, 23.8232, 59.0423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 137, 229) }
```

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

```
.background{ background-color: rgb(248,  
137, 229) }
```

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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