

Converting Colors

YUV(188.8880, 23.7192,
45.7022)

Have a look what the booklet for
YUV(188.8880, 23.7192, 45.7022)
contains.

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Color

**YUV(188.8880, 23.7192,
45.7022)**

Conversions

Conversions Part 1

Format	Color
Hex	F199ED
RGB	241, 153, 237
RGB Percent	95%, 60%, 93%
CMY	0.0549, 0.4000, 0.0706
CMYK	0.00, 0.37, 0.02, 0.05
HSL	303°, 76%, 77%
HSV	303°, 37%, 95%
XYZ	62.9529, 47.5977, 85.9900
YIQ	188.8880, 25.4840, 44.7800

Conversions

Conversions Part 2

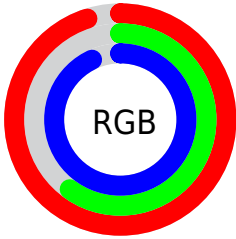
Format	Color
RYB	241, 153, 237
Decimal	15833581
CIELab	74.57, 45.45, -28.71
CIELCh	75, 53.761, 327.720
Yxy	47.5977, 0.3203, 0.2422
Android (android.graphics.Color)	4294023661 (0xFFFF199ED)
YUV	188.8880, 23.7192, 45.7022
Hunter-Lab	68.9911, 42.1432, -25.6050

Details

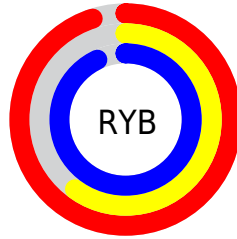
The YUV color **188.8880, 23.7192, 45.7022** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **205.1120, -23.7192, -45.7022**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.9980, 13.3120, 23.6808**, and **134.0510, 23.1459, 42.9283** is the 20% darker color. If you saturate the color by 10%, you get **174.6860, 30.2278, 58.1574**, and if you desaturate by 10%, it is **203.0900, 17.2106, 33.2471**.

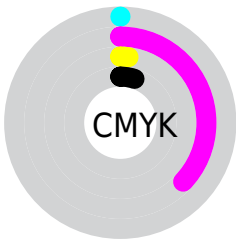
Distribution



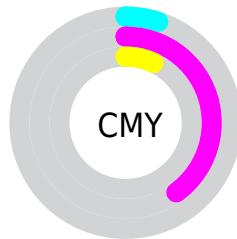
- Red (95%)
- Green (60%)
- Blue (93%)



- Red (95%)
- Yellow (60%)
- Blue (93%)



- Cyan (0%)
- Magenta (37%)
- Yellow (2%)
- Black (5%)





- Cyan (5%)
- Magenta (40%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 188.8880, 23.7192, 45.7022 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 188.8880, 23.7192, 45.7022 by changing the saturation by 10% instead.


 188.8880, 23.7192,
45.7022


 188.8880, 23.7192,
45.7022


255.0000, 0.0000,
0.0000


 161.1760, 23.5772,
44.5726


 227.9980, 13.3120,
23.6808


 134.0510, 23.1459,
42.9283

 245.0210, 4.9196,
8.7516

 107.6380, 22.8565,
42.4135

 81.0400, 23.1513,
41.1839

 53.8660, 23.7301,
42.2135

 31.6160, 22.8673,
38.9248

 21.8180, 16.3587,

26.4696

■ 11.5360, 10.5818,
12.6849

■ 0.5700, 2.1840,
-0.4999

■ 188.8880, 23.7192,
45.7022

■ 188.8880, 23.7192,
45.7022

■ 174.6860, 30.2278,
58.1574

■ 203.0900, 17.2106,
33.2471

■ 160.4840, 36.7364,
70.6125

■ 217.2920, 10.7020,
20.7919

■ 146.2820, 43.2450,
83.0677

■ 231.4940, 4.1935,
8.3368

■ 132.0800, 49.7536,
95.5228

■ 245.6960, -2.3151,
-4.1184

■ 117.2910, 56.5515,
108.4928

■ 249.3320, -3.6147,
-7.3072

■ 102.9750, 62.6233,
121.0479

■ 249.5600, -2.7411,
-7.5071

■ 98.2790, 64.9385,
125.1663

■ 249.6740, -2.3043,
-7.6071

■ 249.7880, -1.8675,
-7.7071

■ 249.9020, -1.4307,
-7.8071

Harmonies

Analogous

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



184.1530, 34.9276, -2.7652



188.8880, 23.7192, 45.7022



181.1450, 3.8725, 64.7708

Triad

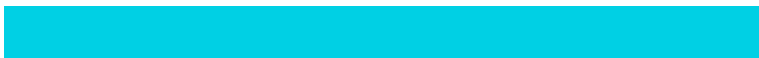
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



188.8880, 23.7192, 45.7022



178.8910, -48.2603, 32.5446



148.0880, 39.3966, -129.8732

Complementary

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



188.8880, 23.7192, 45.7022



205.1120, -23.7192, -45.7022

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.



142.3880, 17.5567, -124.8743



188.8880, 23.7192, 45.7022



174.0000, -40.4260, -7.0160

Square

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



188.8880, 23.7192, 45.7022



181.9670, -39.9167, 63.1729



165.5500, -18.0191, -53.9793



147.6440, 52.9265, -129.4838

Rectangle

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



188.8880, 23.7192, 45.7022



177.9700, -10.8312, 67.5553



165.5500, -18.0191, -53.9793



146.8510, 32.1185, -128.7883

Sweetspot

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



188.8880, 23.7192, 45.7022



238.4500, 7.6662, 14.5144



163.9290, 37.9960, -6.9537



117.9070, 4.4828, 8.8516



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.



188.8880, 23.7192, 45.7022



188.6860, 30.2278, 58.1574



183.9860, 4.9369, 50.0013



112.8420, 3.0359, 6.2776



74.9660, 49.3168, 95.6228



22.9000, 15.3323, 29.0287

Inverse Universe

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



188.8880, 23.7192, 45.7022



188.6860, 30.2278, 58.1574



210.0140, -4.9369, -50.0013



112.8420, 3.0359, 6.2776



74.9660, 49.3168, 95.6228



22.9000, 15.3323, 29.0287

Previews

White Background



This preview shows how the YUV color 188.8880, 23.7192, 45.7022 looks on a white background.

Color Contrast Check

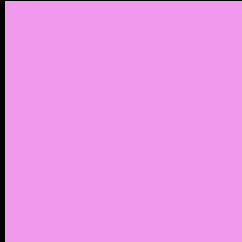
Large Text (above 18pt) WCAG AA × Fail

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 188.8880, 23.7192, 45.7022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

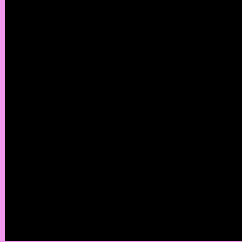
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.8880, 23.7192, 45.7022

Background



This preview shows how black text looks on a background with the YUV color 188.8880, 23.7192, 45.7022.



This preview shows how white text looks on a background with the YUV color 188.8880, 23.7192, 45.7022.

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

188.8880, 23.7192, 45.7022

Protanopia

183.4560, 35.2712, -19.6939

Deuteranopia

185.0310, 23.1557, -7.0432



Tritanopia

186.8140, -4.3453, 40.5051

Trichromacy



Original Color

188.8880, 23.7192, 45.7022



Protanomaly

185.4590, 30.8327, 3.9825



Deuteranomaly

186.2660, 23.5329, 12.0447



Tritanomaly

187.7570, 5.5428, 42.3091

Monochromacy



Original Color

188.8880, 23.7192, 45.7022



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

188.9880, 8.3869, 16.6735

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.8880, 23.7192, 45.7022 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(241, 153, 237)` looks like.

```
.text, #text, p{  
    color:rgb(241, 153, 237)  
}
```

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(241, 153, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 153, 237) }
```

Border

The CSS property to change the border of an element to YUV 188.8880, 23.7192, 45.7022 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(241, 153, 237) }
```


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

```
.border{ border-color:rgb(241, 153, 237) }
```

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

Here you see how a box with a 4 pixel rgb(241, 153, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 153, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 153, 237);  
box-shadow:4px 4px 4px 4px rgb(241, 153,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 188.8880, 23.7192, 45.7022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 153, 237) }
```

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

```
.background{ background-color: rgb(241,  
153, 237) }
```

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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