

Converting Colors

YUV(185.5900, 22.3871,
52.9796)

Have a look what the booklet for
YUV(185.5900, 22.3871, 52.9796)
contains.

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Color

**YUV(185.5900, 22.3871,
52.9796)**

Conversions

Conversions Part 1

Format	Color
Hex	F692E7
RGB	246, 146, 231
RGB Percent	96%, 57%, 91%
CMY	0.0353, 0.4275, 0.0941
CMYK	0.00, 0.41, 0.06, 0.04
HSL	309°, 85%, 77%
HSV	309°, 41%, 96%
XYZ	62.7087, 45.9201, 81.1597
YIQ	185.5900, 32.3150, 47.6350

Conversions

Conversions Part 2

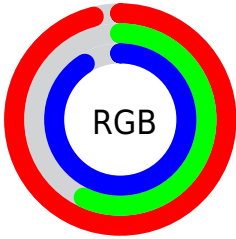
Format	Color
R _Y B	246, 146, 231
Decimal	16159463
CIE Lab	73.49, 49.53, -27.04
CIE LCh	73, 56.429, 331.369
Yxy	45.9201, 0.3304, 0.2420
Android (android.graphics.Color)	4294349543 (0xFFFF692E7)
YUV	185.5900, 22.3871, 52.9796
Hunter-Lab	67.7644, 46.5951, -23.5750

Details

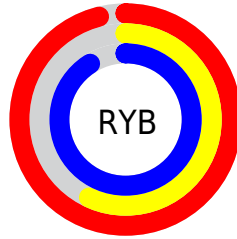
The YUV color **185.5900, 22.3871, 52.9796** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **206.4100, -22.3871, -52.9796**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8890, 15.3377, 27.2843**, and **130.1660, 22.1032, 50.7204** is the 20% darker color. If you saturate the color by 10%, you get **170.4590, 27.8747, 66.2495**, and if you desaturate by 10%, it is **200.7210, 16.8995, 39.7097**.

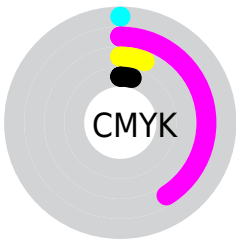
Distribution



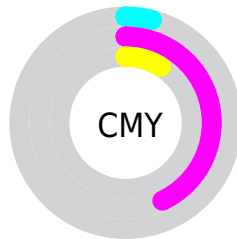
- Red (96%)
- Green (57%)
- Blue (91%)



- Red (96%)
- Yellow (57%)
- Blue (91%)



- Cyan (0%)
- Magenta (41%)
- Yellow (6%)
- Black (4%)





- Cyan (4%)
- Magenta (43%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 185.5900, 22.3871, 52.9796 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 185.5900, 22.3871, 52.9796 by changing the saturation by 10% instead.


 185.5900, 22.3871,
52.9796


 185.5900, 22.3871,
52.9796

255.0000, 0.0000,
0.0000


 157.8780, 22.2451,
51.8500


 223.8890, 15.3377,
27.2843


 130.1660, 22.1032,
50.7204

 240.9120, 6.9454,
12.3552

 103.4540, 21.9612,
49.5908

 76.2690, 22.5454,
48.8761

 43.6270, 26.3129,
53.8241

 31.9430, 20.2411,
41.2690

 22.1450, 13.7325,

28.8138

■ 11.6780, 8.5397,
14.3144

■ 0.0000, 0.0000,
0.0000

■ 185.5900, 22.3871,
52.9796

■ 185.5900, 22.3871,
52.9796

■ 170.4590, 27.8747,
66.2495

■ 200.7210, 16.8995,
39.7097

■ 156.0290, 33.5097,
78.9046

■ 215.1510, 11.2646,
27.0546

■ 140.8980, 38.9973,
92.1745

■ 230.2820, 5.7770,
13.7847

■ 126.3540, 44.1955,
104.9295

■ 244.8260, 0.5788,
1.0296

■ 111.3370, 50.1199,
118.0995

■ 251.6250, -1.2941,
-4.9331

■ 97.3800, 55.0287,
130.3397

■ 252.0810, 0.4531,
-5.3330

■ 252.3090, 1.3267,
-5.5330

Harmonies

Analogous

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



182.1260, 35.9269, 3.3975



185.5900, 22.3871, 52.9796



176.5970, 1.6777, 68.7594

Triad

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



185.5900, 22.3871, 52.9796



175.4730, -51.0122, 28.5262



146.8970, 42.4488, -128.8287

Complementary

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



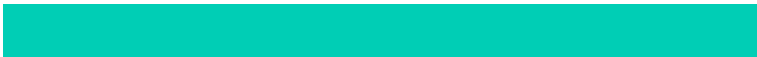
185.5900, 22.3871, 52.9796



206.4100, -22.3871, -52.9796

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.



141.5560, 19.4459, -124.1446



185.5900, 22.3871, 52.9796



169.6680, -40.2623, -12.8638

Square

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



185.5900, 22.3871, 52.9796



178.6310, -43.6951, 61.7136



158.6950, -14.6396, -64.6305



145.8830, 53.7947, -127.9394

Rectangle

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



185.5900, 22.3871, 52.9796



173.8950, -13.7522, 71.1291



158.6950, -14.6396, -64.6305



145.6600, 35.1706, -127.7438

Sweetspot

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



185.5900, 22.3871, 52.9796



236.2330, 6.7871, 16.4587



161.8850, 41.4687, -0.7761



117.0920, 3.8986, 9.5663



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.



185.5900, 22.3871, 52.9796



179.4590, 27.8747, 66.2495



179.8900, 0.5472, 57.9785



114.8420, 3.0359, 6.2776



73.6260, 41.5964, 98.5520



23.3410, 13.1429, 31.2729

Inverse Universe

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



185.5900, 22.3871, 52.9796



179.4590, 27.8747, 66.2495



212.1100, -0.5472, -57.9785



114.8420, 3.0359, 6.2776



73.6260, 41.5964, 98.5520



23.3410, 13.1429, 31.2729

Previews

White Background



This preview shows how the YUV color 185.5900, 22.3871, 52.9796 looks on a white background.

Color Contrast Check

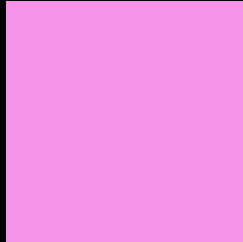
Large Text (above 18pt) WCAG AA × Fail

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 185.5900, 22.3871, 52.9796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

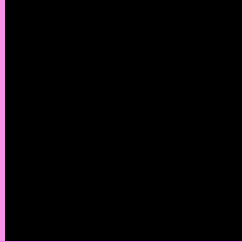
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 185.5900, 22.3871, 52.9796

Background



This preview shows how black text looks on a background with the YUV color 185.5900, 22.3871, 52.9796.



This preview shows how white text looks on a background with the YUV color 185.5900, 22.3871,

52.9796.

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

185.5900, 22.3871, 52.9796

Protanopia

180.4990, 36.7290, -20.6086

Deuteranopia

182.1730, 21.1137, -5.4137



Tritanopia

184.2880, -6.5510, 47.9824

Trichromacy



Original Color

185.5900, 22.3871, 52.9796



Protanomaly

181.9970, 31.5535, 6.1416



Deuteranomaly

183.4190, 21.4854, 15.4185



Tritanomaly

184.7580, 4.0633, 50.2012

Monochromacy



Original Color

185.5900, 22.3871, 52.9796



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

185.5970, 8.0867, 19.6474

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.5900, 22.3871, 52.9796 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, 146, 231)` looks like.

```
.text, #text, p{  
    color:rgb(246, 146, 231)  
}
```

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, 146, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 146, 231) }
```

Border

The CSS property to change the border of an element to YUV 185.5900, 22.3871, 52.9796 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, 146, 231) }
```


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

```
.border{ border-color:rgb(246, 146, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 146, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 146, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 146, 231);  
box-shadow:4px 4px 4px 4px rgb(246, 146,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 185.5900, 22.3871, 52.9796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 146, 231) }
```

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

```
.background{ background-color: rgb(246,  
146, 231) }
```

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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