

Converting Colors

$Yxy(22.6112, 0.3918, 0.1932)$

Have a look what the booklet for
Yxy(22.6112, 0.3918, 0.1932)
contains.

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Color

Yxy(22.5999, 0.3922, 0.1934)

Conversions

Conversions Part 1

Format	Color
Hex	F300BA
RGB	243, 0, 186
RGB Percent	95%, 0%, 73%
CMY	0.0470, 1.0000, 0.2704
CMYK	0.00, 1.00, 0.23, 0.05
HSL	314°, 100%, 48%
HSV	314°, 100%, 95%
XYZ	45.8308, 22.5999, 48.4250
YIQ	93.8610, 85.1220, 109.3620

Conversions

Conversions Part 2

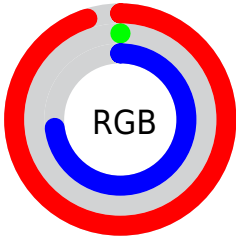
Format	Color
R_{YB}	243, 0, 186
Decimal	15925434
CIE _{Lab}	54.66, 87.52, -30.84
CIE _{LCh}	55, 92.796, 340.590
Yxy	22.5999, 0.3922, 0.1934
Android (android.graphics.Color)	4294115514 (0xFFFF300BA)
YUV	93.8610, 45.4245, 130.7949
Hunter-Lab	47.5394, 88.8910, -27.1170

Details

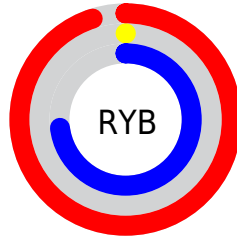
The Yxy color **22.5999, 0.3922, 0.1934** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **64.4014, 0.2934, 0.5762**, and the grayscale version is **11.0366, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.7851, 0.3316, 0.1973**, and **11.6110, 0.4051, 0.2005** is the 20% darker color. If you saturate the color by 10%, you get **22.6032, 0.3922, 0.1934**, and if you desaturate by 10%, it is **23.5162, 0.3832, 0.1926**.

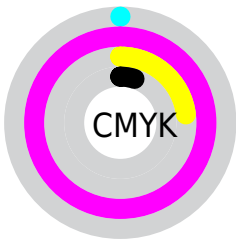
Distribution



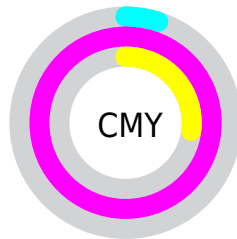
- Red (95%)
- Green (0%)
- Blue (73%)



- Red (95%)
- Yellow (0%)
- Blue (73%)



- Cyan (0%)
- Magenta (100%)
- Yellow (23%)
- Black (5%)





- Cyan (5%)
- Magenta (100%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.5999, 0.3922, 0.1934 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 Yxy color 22.5999, 0.3922, 0.1934 by changing the saturation by 10% instead.


 22.5999, 0.3922,
0.1934


 22.5999, 0.3922,
0.1934


265.6633, 0.3526,
0.2596


 14.2984, 0.4019,
0.1778


 47.7355, 0.3779,
0.2168

 8.3285, 0.4141,
0.1585


 65.3384, 0.3725,
0.2258


 4.3058, 0.4298,
0.1341


 86.8105, 0.3679,
0.2335

 1.8461, 0.4506,
0.1032

 112.5362, 0.3640,
0.2402

 0.5156, 0.4813,
0.0593

 142.9000, 0.3606,
0.2459

 0.0000, 0.5270,
0.0000

178.2861, 0.3576,

 0.0000, 0.6300,

0.2510

0.0000

219.0791, 0.3549,
0.2555

■ 0.0000, 0.0000,
0.0000

■ 22.5999, 0.3922,
0.1934

■ 22.5999, 0.3922,
0.1934

■ 22.6032, 0.3922,
0.1934

■ 23.5162, 0.3832,
0.1926

■ 25.2709, 0.3738,
0.1961

■ 28.1266, 0.3643,
0.2044

■ 32.2382, 0.3549,
0.2169

■ 37.7358, 0.3459,
0.2328

■ 44.7330, 0.3376,
0.2510

■ 53.3319, 0.3301,
0.2705

■ 63.6255, 0.3234,
0.2904

■ 75.6995, 0.3177,
0.3101

Harmonies

Analogous

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



22.5999, 0.2364, 0.1446



22.5999, 0.3922, 0.1934



22.5999, 0.5520, 0.2647

Triad

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



22.5999, 0.3922, 0.1934



22.5999, 0.4420, 0.5528



22.5999, 0.0851, 0.1971

Complementary

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



22.5999, 0.3922, 0.1934



64.4014, 0.2934, 0.5762

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.



22.5999, 0.1111, 0.3402



22.5999, 0.3922, 0.1934



22.5999, 0.3117, 0.6364

Square

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



22.5999, 0.3922, 0.1934



22.5999, 0.5543, 0.4366



22.5999, 0.1914, 0.5563



22.5999, 0.0956, 0.1386

Rectangle

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



22.5999, 0.3922, 0.1934



22.5999, 0.6046, 0.3163



22.5999, 0.1914, 0.5563



22.5999, 0.0889, 0.2331

Sweetspot

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



22.6032, 0.3922, 0.1934



59.4185, 0.3301, 0.2703



7.3327, 0.1616, 0.0664



11.8032, 0.3332, 0.2620



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



22.6032, 0.3922, 0.1934



25.2103, 0.3924, 0.1935



19.4356, 0.5917, 0.3033



16.6980, 0.3174, 0.3111



12.4264, 0.3908, 0.1927



1.1079, 0.3802, 0.1868

Inverse Universe

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



22.6032, 0.3922, 0.1934



25.2103, 0.3924, 0.1935



67.3289, 0.2498, 0.4194



16.6980, 0.3174, 0.3111



12.4264, 0.3908, 0.1927



1.1079, 0.3802, 0.1868

Previews

White Background



This preview shows how the Yxy color 22.5999, 0.3922, 0.1934 looks on a white background.

Color Contrast Check

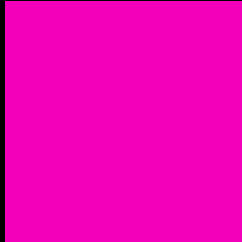
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 22.5999, 0.3922, 0.1934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

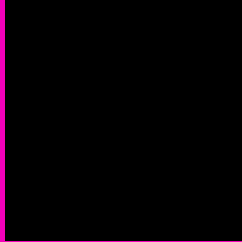
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.5999, 0.3922, 0.1934

Background



This preview shows how black text looks on a background with the Yxy color 22.5999, 0.3922, 0.1934.



This preview shows how white text looks on a background with the Yxy color 22.5999, 0.3922, 0.1934.

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

22.5999, 0.3922, 0.1934

Protanopia

23.5579, 0.1849, 0.1583

Deuteranopia

23.1588, 0.2625, 0.2571



Tritanopia

22.9631, 0.5395, 0.3262

Trichromacy



Original Color

22.5999, 0.3922, 0.1934



Protanomaly

15.9580, 0.2172, 0.1350



Deuteranomaly

17.5079, 0.3036, 0.1979



Tritanomaly

21.4155, 0.4947, 0.2685

Monochromacy



Original Color

22.5999, 0.3922, 0.1934



Achromatopsia

11.1932, 0.3127, 0.3290



Achromatomaly

11.0599, 0.3532, 0.2212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.5999, 0.3922, 0.1934 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(243, 0, 186)` looks like.

```
.text, #text, p{  
    color:rgb(243, 0, 186)  
}
```

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(243, 0, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 0, 186) }
```

Border

The CSS property to change the border of an element to Yxy 22.5999, 0.3922, 0.1934 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(243, 0, 186) }
```

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

```
.border{ border-color:rgb(243, 0, 186) }
```

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

Here you see how a box with a 4 pixel rgb(243, 0, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 0, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 0, 186);  
box-shadow:4px 4px 4px 4px rgb(243, 0,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 22.5999, 0.3922, 0.1934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 0, 186) }
```

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

```
.background{ background-color: rgb(243, 0,  
186) }
```

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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