

Converting Colors

$Y_{xy}(42.3339, 0.3235, 0.2251)$

Have a look what the booklet for
Yxy(42.3339, 0.3235, 0.2251)
contains.

Yxy(42.2193, 0.3232, 0.2245)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(42.2193, 0.3232, 0.2245)

Conversions

Conversions Part 1

Format	Color
Hex	F386ED
RGB	243, 134, 237
RGB Percent	95%, 53%, 93%
CMY	0.0469, 0.4746, 0.0706
CMYK	0.00, 0.45, 0.02, 0.05
HSL	303°, 82%, 74%
HSV	303°, 45%, 95%
XYZ	60.7807, 42.2193, 85.0592
YIQ	178.3330, 31.9010, 55.1410

Conversions

Conversions Part 2

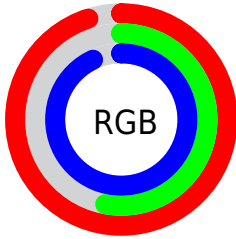
Format	Color
R _Y B	243, 134, 237
Decimal	15959789
CIE Lab	71.02, 55.68, -34.16
CIE LCh	71, 65.320, 328.469
Yxy	42.2193, 0.3232, 0.2245
Android (android.graphics.Color)	4294149869 (0xFFFF386ED)
YUV	178.3330, 28.9228, 56.7130
Hunter-Lab	64.9764, 53.2653, -32.1318

Details

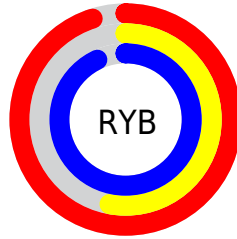
The Yxy color **42.2193, 0.3232, 0.2245** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **71.0836, 0.3032, 0.4622**, and the grayscale version is **44.5376, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.3069, 0.3157, 0.2653**, and **19.3878, 0.3238, 0.2011** is the 20% darker color. If you saturate the color by 10%, you get **36.1799, 0.3258, 0.2046**, and if you desaturate by 10%, it is **49.8065, 0.3206, 0.2467**.

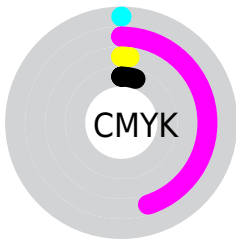
Distribution



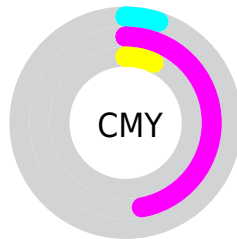
- Red (95%)
- Green (53%)
- Blue (93%)



- Red (95%)
- Yellow (53%)
- Blue (93%)



- Cyan (0%)
- Magenta (45%)
- Yellow (2%)
- Black (5%)





- Cyan (5%)
- Magenta (47%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2193, 0.3232, 0.2245 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 42.2193, 0.3232, 0.2245 by changing the saturation by 10% instead.

 42.2193, 0.3232,
0.2245

 42.2193, 0.3232,
0.2245


355.3912, 0.3198,
0.2724

 29.2730, 0.3236,
0.2138


 78.5314, 0.3223,
0.2410

 19.2875, 0.3238,
0.2008


 102.6661, 0.3219,
0.2474

 11.8782, 0.3237,
0.1846


 131.2990, 0.3215,
0.2530

 6.6608, 0.3230,
0.1641

164.8146, 0.3211,
0.2579

 3.2509, 0.3208,
0.1375

203.5972, 0.3208,
0.2621

 1.2641, 0.3151,
0.1027

248.0312, 0.3204,

 0.1131, 0.3122,

0.2660

0.0216

298.5011, 0.3201,
0.2694

■ 0.0000, 0.2352,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 42.2193, 0.3232,
0.2245

■ 42.2193, 0.3232,
0.2245

■ 36.1799, 0.3258,
0.2046

■ 49.8065, 0.3206,
0.2467

■ 31.5754, 0.3283,
0.1880


■ 59.0329, 0.3182,
0.2702


■ 28.2868, 0.3307,
0.1753

■ 69.9893, 0.3158,
0.2942


■ 26.1736, 0.3328,
0.1671


■ 82.7584, 0.3137,
0.3178

 25.0630, 0.3347,
0.1631

 97.0959, 0.3118,
0.3400

 24.7497, 0.3356,
0.1622

 97.1779, 0.3110,
0.3387

 97.2605, 0.3102,
0.3374

 97.3437, 0.3095,
0.3361

 97.4275, 0.3087,
0.3347

Harmonies

Analogous

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



42.2193, 0.2374, 0.1966



42.2193, 0.3232, 0.2245



42.2193, 0.4197, 0.2728

Triad

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



42.2193, 0.3232, 0.2245



42.2193, 0.4462, 0.4630



42.2193, 0.1652, 0.2862

Complementary

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



42.2193, 0.3232, 0.2245



71.0836, 0.3032, 0.4622

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.



42.2193, 0.2070, 0.3866



42.2193, 0.3232, 0.2245



42.2193, 0.3685, 0.5028

Square

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



42.2193, 0.3232, 0.2245



42.2193, 0.4927, 0.3991



42.2193, 0.2810, 0.4788



42.2193, 0.1579, 0.2212

Rectangle

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



42.2193, 0.3232, 0.2245



42.2193, 0.4697, 0.3124



42.2193, 0.2810, 0.4788



42.2193, 0.1751, 0.3167

Sweetspot

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



42.2212, 0.3232, 0.2245



80.5251, 0.3154, 0.2985



29.0464, 0.2315, 0.1898



16.6027, 0.3159, 0.2933



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.



42.2212, 0.3232, 0.2245



40.7908, 0.3256, 0.2060



39.5286, 0.3775, 0.2761



16.7515, 0.3147, 0.3070



13.5859, 0.3353, 0.1621



1.1988, 0.3333, 0.1610

Inverse Universe

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



42.2212, 0.3232, 0.2245



40.7908, 0.3256, 0.2060



73.0826, 0.2759, 0.3906



16.7515, 0.3147, 0.3070



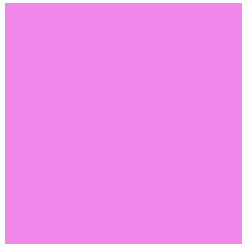
13.5859, 0.3353, 0.1621



1.1988, 0.3333, 0.1610

Previews

White Background



This preview shows how the Yxy color 42.2193, 0.3232, 0.2245 looks on a white background.

Color Contrast Check

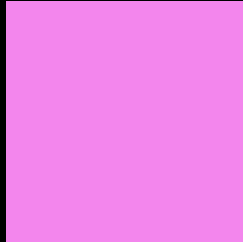
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 42.2193, 0.3232, 0.2245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

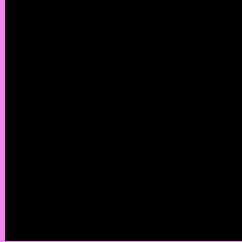
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.2193, 0.3232, 0.2245

Background



This preview shows how black text looks on a background with the Yxy color 42.2193, 0.3232, 0.2245.

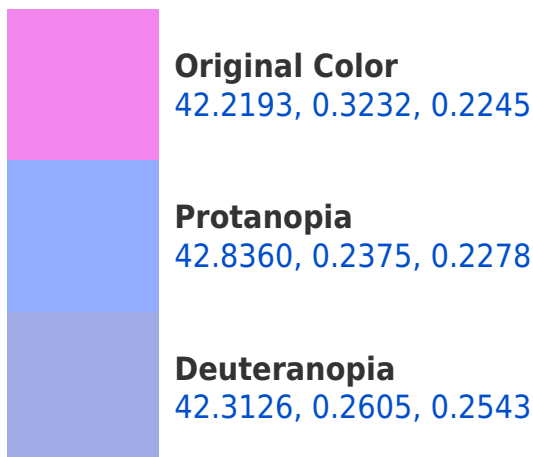


This preview shows how white text looks on a background with the Yxy color 42.2193, 0.3232, 0.2245.

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





Tritanopia

42.2343, 0.3863, 0.3167

Trichromacy



Original Color

42.2193, 0.3232, 0.2245



Protanomaly

41.0548, 0.2629, 0.2238



Deuteranomaly

41.2841, 0.2801, 0.2401



Tritanomaly

41.9294, 0.3627, 0.2804

Monochromacy



Original Color

42.2193, 0.3232, 0.2245



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

42.5207, 0.3176, 0.2838

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2193, 0.3232, 0.2245 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, 134, 237)` looks like.

```
.text, #text, p{  
    color:rgb(243, 134, 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(243, 134, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 134, 237) }
```

Border

The CSS property to change the border of an element to Yxy 42.2193, 0.3232, 0.2245 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, 134, 237) }
```

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

```
.border{ border-color:rgb(243, 134, 237) }
```

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

Here you see how a box with a 4 pixel rgb(243, 134, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 134, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 134, 237);  
box-shadow:4px 4px 4px 4px rgb(243, 134,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2193, 0.3232, 0.2245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 134, 237) }
```

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

```
.background{ background-color: rgb(243,  
134, 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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