

Converting Colors

$Y_{xy}(43.0210, 0.3316, 0.2232)$

Have a look what the booklet for
Yxy(43.0210, 0.3316, 0.2232)
contains.

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Color

Yxy(43.0210, 0.3316, 0.2232)

Conversions

Conversions Part 1

Format	Color
Hex	FD82EE
RGB	253, 130, 238
RGB Percent	99%, 51%, 93%
CMY	0.0079, 0.4901, 0.0667
CMYK	0.00, 0.49, 0.06, 0.01
HSL	307°, 97%, 75%
HSV	307°, 49%, 99%
XYZ	63.9147, 43.0210, 85.8107
YIQ	179.0890, 38.6400, 59.6640

Conversions

Conversions Part 2

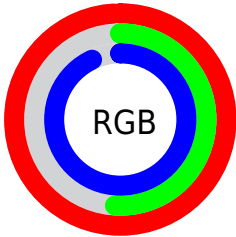
Format	Color
R _Y B	253, 130, 238
Decimal	16614126
CIE Lab	71.57, 60.60, -33.76
CIE LCh	72, 69.365, 330.879
Yxy	43.0210, 0.3316, 0.2232
Android (android.graphics.Color)	4294804206 (0xFFFD82EE)
YUV	179.0890, 29.0431, 64.8199
Hunter-Lab	65.5904, 59.1565, -31.6547

Details

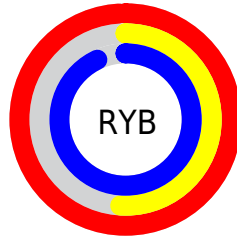
The Yxy color **43.0210, 0.3316, 0.2232** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **77.0291, 0.2987, 0.4654**, and the grayscale version is **44.9595, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.5978, 0.3159, 0.2614**, and **19.7443, 0.3341, 0.1990** is the 20% darker color. If you saturate the color by 10%, you get **36.9188, 0.3364, 0.2052**, and if you desaturate by 10%, it is **50.7844, 0.3270, 0.2437**.

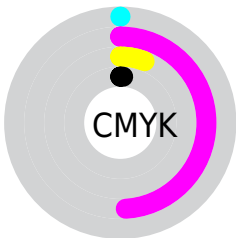
Distribution



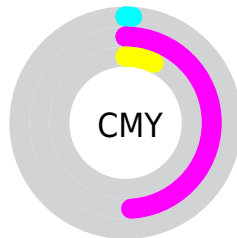
- Red (99%)
- Green (51%)
- Blue (93%)



- Red (99%)
- Yellow (51%)
- Blue (93%)



- Cyan (0%)
- Magenta (49%)
- Yellow (6%)
- Black (1%)





- Cyan (1%)
- Magenta (49%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0210, 0.3316, 0.2232 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 43.0210, 0.3316, 0.2232 by changing the saturation by 10% instead.


 43.0210, 0.3316,
0.2232


 43.0210, 0.3316,
0.2232


358.6981, 0.3242,
0.2714

 29.9016, 0.3329,
0.2125


 79.7425, 0.3293,
0.2397

 19.7639, 0.3344,
0.1995


 104.1135, 0.3283,
0.2462

 12.2235, 0.3358,
0.1835


 133.0037, 0.3275,
0.2518

 6.8961, 0.3372,
0.1632

166.7976, 0.3267,
0.2567

 3.3972, 0.3379,
0.1370

205.8796, 0.3260,
0.2610

 1.3425, 0.3367,
0.1029

250.6341, 0.3253,

 0.1737, 0.3394,

0.2649

0.0306

301.4455, 0.3247,
0.2683

■ 0.0000, 0.2979,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.0210, 0.3316,
0.2232

■ 43.0210, 0.3316,
0.2232

■ 36.9188, 0.3364,
0.2052

■ 50.7844, 0.3270,
0.2437

■ 32.3484, 0.3412,
0.1907

■ 60.3139, 0.3228,
0.2656

■ 29.1712, 0.3459,
0.1804

■ 71.7129, 0.3189,
0.2881

■ 27.2205, 0.3503,
0.1746

■ 85.0749, 0.3154,
0.3104

■ 26.2591, 0.3544,
0.1730

99.5163, 0.3124,
0.3305

■ 26.1591, 0.3550,
0.1729

99.6184, 0.3115,
0.3290

Harmonies

Analogous

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



43.0210, 0.2397, 0.1924



43.0210, 0.3316, 0.2232



43.0210, 0.4328, 0.2745

Triad

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



43.0210, 0.3316, 0.2232



43.0210, 0.4457, 0.4729



43.0210, 0.1568, 0.2760

Complementary

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



43.0210, 0.3316, 0.2232



77.0291, 0.2987, 0.4654

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.



43.0210, 0.1966, 0.3804



43.0210, 0.3316, 0.2232



43.0210, 0.3625, 0.5133

Square

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



43.0210, 0.3316, 0.2232



43.0210, 0.4991, 0.4061



43.0210, 0.2714, 0.4827



43.0210, 0.1522, 0.2121

Rectangle

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



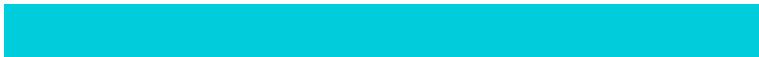
43.0210, 0.3316, 0.2232



43.0210, 0.4830, 0.3159



43.0210, 0.2714, 0.4827



43.0210, 0.1659, 0.3071

Sweetspot

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



43.0230, 0.3316, 0.2232



77.6801, 0.3176, 0.2962



29.0257, 0.2289, 0.1782



16.0353, 0.3183, 0.2914



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.



43.0230, 0.3316, 0.2232



37.9085, 0.3361, 0.2062



40.0315, 0.3949, 0.2801



18.2600, 0.3157, 0.3084



13.9332, 0.3544, 0.1726



1.3669, 0.3500, 0.1702

Inverse Universe

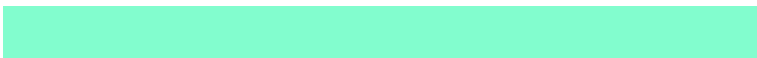
The Inverse Universe completely reimagines the original color for something new.



43.0230, 0.3316, 0.2232



37.9085, 0.3361, 0.2062



79.4329, 0.2697, 0.3864



18.2600, 0.3157, 0.3084



13.9332, 0.3544, 0.1726



1.3669, 0.3500, 0.1702

Previews

White Background



This preview shows how the Yxy color 43.0210, 0.3316, 0.2232 looks on a white background.

Color Contrast Check

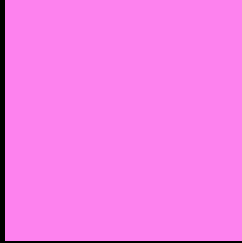
Large Text (above 18pt) WCAG AA × Fail

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 43.0210, 0.3316, 0.2232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

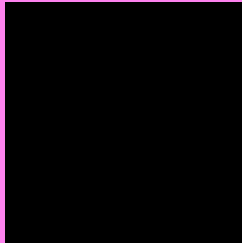
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0210, 0.3316, 0.2232

Background



This preview shows how black text looks on a background with the Yxy color 43.0210, 0.3316, 0.2232.

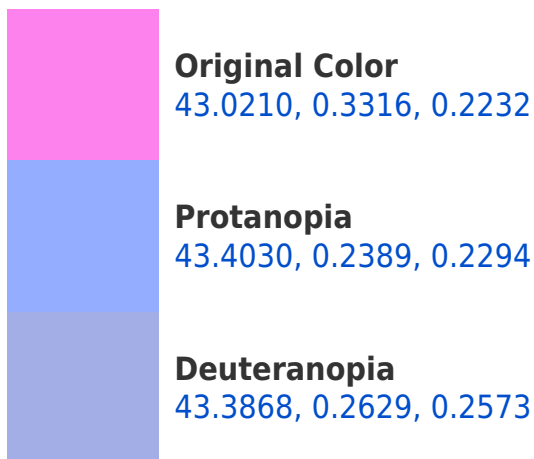


This preview shows how white text looks on a background with the Yxy color 43.0210, 0.3316, 0.2232.

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

42.9161, 0.4003, 0.3172

Trichromacy



Original Color

43.0210, 0.3316, 0.2232



Protanomaly

41.3926, 0.2659, 0.2228



Deuteranomaly

41.7329, 0.2850, 0.2401



Tritanomaly

42.4547, 0.3743, 0.2790

Monochromacy



Original Color

43.0210, 0.3316, 0.2232



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

42.7817, 0.3204, 0.2819

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0210, 0.3316, 0.2232 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(253, 130, 238)` looks like.

```
.text, #text, p{  
    color:rgb(253, 130, 238)  
}
```

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(253, 130, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 130, 238) }
```

Border

The CSS property to change the border of an element to Yxy 43.0210, 0.3316, 0.2232 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(253, 130, 238) }
```

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

```
.border{ border-color:rgb(253, 130, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 130, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 130, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 130, 238);  
box-shadow:4px 4px 4px 4px rgb(253, 130,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0210, 0.3316, 0.2232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 130, 238) }
```

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

```
.background{ background-color: rgb(253,  
130, 238) }
```

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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