

Converting Colors

Yxy(43.9136, 0.3525, 0.2662)

Have a look what the booklet for
Yxy(43.9136, 0.3525, 0.2662)
contains.

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Color

Yxy(44.0202, 0.3521, 0.2660)

Conversions

Conversions Part 1

Format	Color
Hex	F392CD
RGB	243, 146, 205
RGB Percent	95%, 57%, 80%
CMY	0.0470, 0.4275, 0.1960
CMYK	0.00, 0.40, 0.16, 0.05
HSL	323°, 80%, 76%
HSV	323°, 40%, 95%
XYZ	58.2688, 44.0202, 63.2004
YIQ	181.7290, 38.8730, 38.9130

Conversions

Conversions Part 2

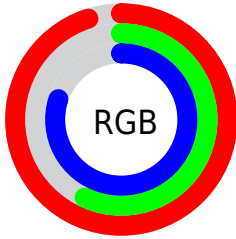
Format	Color
R_{YB}	243, 146, 205
Decimal	15962829
CIE _{Lab}	72.24, 44.40, -14.69
CIE _{LCh}	72, 46.767, 341.690
Yxy	44.0202, 0.3521, 0.2660
Android (android.graphics.Color)	4294152909 (0xFFFF392CD)
YUV	181.7290, 11.4726, 53.7347
Hunter-Lab	66.3477, 40.6563, -10.0341

Details

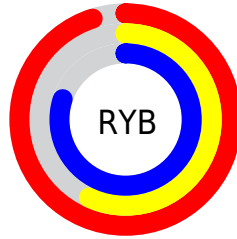
The Yxy color **44.0202, 0.3521, 0.2660** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **73.6851, 0.2872, 0.4026**, and the grayscale version is **46.5459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7211, 0.3151, 0.2772**, and **20.3774, 0.3619, 0.2499** is the 20% darker color. If you saturate the color by 10%, you get **36.8643, 0.3663, 0.2510**, and if you desaturate by 10%, it is **52.8004, 0.3397, 0.2820**.

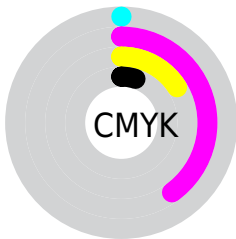
Distribution



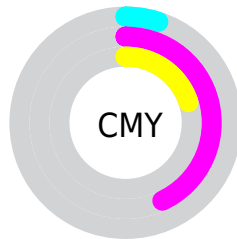
- Red (95%)
- Green (57%)
- Blue (80%)



- Red (95%)
- Yellow (57%)
- Blue (80%)



- Cyan (0%)
- Magenta (40%)
- Yellow (16%)
- Black (5%)





- Cyan (5%)
- Magenta (43%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0202, 0.3521, 0.2660 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 44.0202, 0.3521, 0.2660 by changing the saturation by 10% instead.


 44.0202, 0.3521,
0.2660


 44.0202, 0.3521,
0.2660


362.7907, 0.3331,
0.2961

 30.6864, 0.3566,
0.2589


 81.2481, 0.3453,
0.2766

 20.3602, 0.3624,
0.2501


 105.9111, 0.3428,
0.2807

 12.6571, 0.3698,
0.2387


135.1191, 0.3405,
0.2842

 7.1929, 0.3798,
0.2236

169.2568, 0.3386,
0.2872

 3.5830, 0.3939,
0.2026

208.7083, 0.3370,
0.2898

 1.4432, 0.4153,
0.1719

253.8583, 0.3355,

 0.2482, 0.4718,

0.2922

0.0827

305.0909, 0.3342,
0.2942

0.0000, 0.7441,
0.0000

0.0000, 0.0000,
0.0000

44.0202, 0.3521,
0.2660

44.0202, 0.3521,
0.2660

36.8643, 0.3663,
0.2510

52.8004, 0.3397,
0.2820

31.2244, 0.3822,
0.2380

63.2921, 0.3291,
0.2982

26.9883, 0.3994,
0.2282

75.5836, 0.3202,
0.3140

24.0258, 0.4175,
0.2227

89.7552, 0.3127,
0.3291

■ 22.1816, 0.4356,
0.2225

■ 97.6457, 0.3067,
0.3313

■ 21.1986, 0.4532,
0.2271

■ 97.7988, 0.3054,
0.3290

■ 21.1926, 0.4533,
0.2271

Harmonies

Analogous

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



44.0202, 0.2846, 0.2366



44.0202, 0.3521, 0.2660



44.0202, 0.4133, 0.3092

Triad

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



44.0202, 0.3521, 0.2660



44.0202, 0.3911, 0.4438



44.0202, 0.1970, 0.2767

Complementary

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



44.0202, 0.3521, 0.2660



73.6851, 0.2872, 0.4026

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.



44.0202, 0.2191, 0.3387



44.0202, 0.3521, 0.2660



44.0202, 0.3294, 0.4477

Square

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



44.0202, 0.3521, 0.2660



44.0202, 0.4344, 0.4079



44.0202, 0.2665, 0.4069



44.0202, 0.2015, 0.2386

Rectangle

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



44.0202, 0.3521, 0.2660



44.0202, 0.4383, 0.3421



44.0202, 0.2665, 0.4069



44.0202, 0.2014, 0.2951

Sweetspot

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



44.0223, 0.3521, 0.2660



81.2587, 0.3219, 0.3107



37.1168, 0.2665, 0.2149



16.9955, 0.3231, 0.3087



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.



44.0223, 0.3521, 0.2660



42.4343, 0.3636, 0.2536



42.0580, 0.4019, 0.3168



16.6519, 0.3198, 0.3147



11.6560, 0.4507, 0.2256



1.0446, 0.4300, 0.2142

Inverse Universe

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



44.0223, 0.3521, 0.2660



42.4343, 0.3636, 0.2536



76.0344, 0.2630, 0.3422



16.6519, 0.3198, 0.3147



11.6560, 0.4507, 0.2256



1.0446, 0.4300, 0.2142

Previews

White Background



This preview shows how the Yxy color 44.0202, 0.3521, 0.2660 looks on a white background.

Color Contrast Check

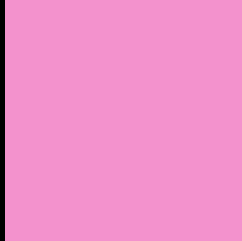
Large Text (above 18pt) WCAG AA × Fail

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 44.0202, 0.3521, 0.2660 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 44.0202, 0.3521, 0.2660

Background



This preview shows how black text looks on a background with the Yxy color 44.0202, 0.3521, 0.2660.

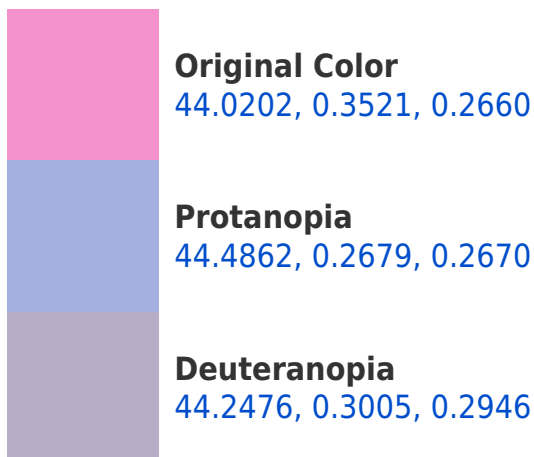


This preview shows how white text looks on a background with the Yxy color 44.0202, 0.3521, 0.2660.

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

44.1785, 0.3870, 0.3169

Trichromacy



Original Color

44.0202, 0.3521, 0.2660



Protanomaly

43.3097, 0.2941, 0.2648



Deuteranomaly

43.4378, 0.3176, 0.2820



Tritanomaly

43.9538, 0.3734, 0.2971

Monochromacy



Original Color

44.0202, 0.3521, 0.2660



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

44.9310, 0.3266, 0.3033

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0202, 0.3521, 0.2660 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, 146, 205)` looks like.

```
.text, #text, p{  
    color:rgb(243, 146, 205)  
}
```

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, 146, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 146, 205) }
```

Border

The CSS property to change the border of an element to Yxy 44.0202, 0.3521, 0.2660 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, 146, 205) }
```

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

```
.border{ border-color:rgb(243, 146, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 146, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 146, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 146, 205);  
box-shadow:4px 4px 4px 4px rgb(243, 146,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0202, 0.3521, 0.2660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 146, 205) }
```

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

```
.background{ background-color: rgb(243,  
146, 205) }
```

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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