

Converting Colors

Yxy(34.9636, 0.3554, 0.2283)

Have a look what the booklet for
Yxy(34.9636, 0.3554, 0.2283)
contains.

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Color

Yxy(34.9390, 0.3552, 0.2287)

Conversions

Conversions Part 1

Format	Color
Hex	F46ED0
RGB	244, 110, 208
RGB Percent	96%, 43%, 82%
CMY	0.0432, 0.5685, 0.1842
CMYK	0.00, 0.55, 0.15, 0.04
HSL	316°, 86%, 69%
HSV	316°, 55%, 96%
XYZ	54.2647, 34.9390, 63.5685
YIQ	161.2380, 48.4060, 58.8860

Conversions

Conversions Part 2

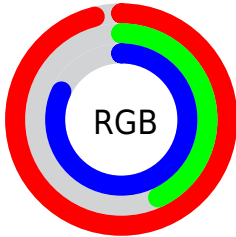
Format	Color
R _Y B	244, 110, 208
Decimal	16019152
CIE _{Lab}	65.70, 62.63, -26.29
CIE _{LCh}	66, 67.926, 337.227
Y _{xy}	34.9390, 0.3552, 0.2287
Android (android.graphics.Color)	4294209232 (0xFFFF46ED0)
Y _{UV}	161.2380, 23.0537, 72.5823
Hunter-Lab	59.1092, 60.4292, -22.3865

Details

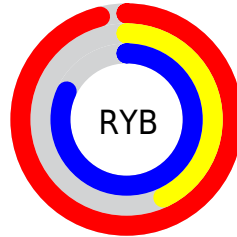
The Yxy color **34.9390, 0.3552, 0.2287** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **70.0787, 0.2884, 0.4597**, and the grayscale version is **35.6344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.1174, 0.3167, 0.2431**, and **15.0702, 0.3663, 0.2045** is the 20% darker color. If you saturate the color by 10%, you get **30.0639, 0.3659, 0.2149**, and if you desaturate by 10%, it is **41.2797, 0.3452, 0.2453**.

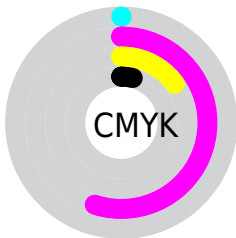
Distribution



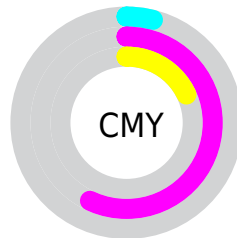
- Red (96%)
- Green (43%)
- Blue (82%)



- Red (96%)
- Yellow (43%)
- Blue (82%)



- Cyan (0%)
- Magenta (55%)
- Yellow (15%)
- Black (4%)





- Cyan (4%)
- Magenta (57%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9390, 0.3552, 0.2287 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 34.9390, 0.3552, 0.2287 by changing the saturation by 10% instead.


 34.9390, 0.3552,
0.2287


 34.9390, 0.3552,
0.2287


324.2990, 0.3352,
0.2764

 23.6159, 0.3598,
0.2176


 67.3913, 0.3482,
0.2454

 15.0489, 0.3655,
0.2039


 89.2892, 0.3455,
0.2519

 8.8537, 0.3726,
0.1865


 115.4809, 0.3432,
0.2574

 4.6459, 0.3818,
0.1638

146.3507, 0.3412,
0.2622

 2.0410, 0.3938,
0.1336

182.2830, 0.3394,
0.2664

 0.6312, 0.4110,
0.0896

223.6622, 0.3378,

 0.0000, 0.4459,

0.2701

0.0000

270.8728, 0.3364,
0.2734

■ 0.0000, 0.1753,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 34.9390, 0.3552,
0.2287

■ 34.9390, 0.3552,
0.2287

■ 30.0639, 0.3659,
0.2149

■ 41.2797, 0.3452,
0.2453

■ 26.5272, 0.3771,
0.2049


■ 49.1895, 0.3362,
0.2636

■ 24.1882, 0.3883,
0.1995


■ 58.7680, 0.3282,
0.2827

■ 22.8724, 0.3992,
0.1991


■ 70.1055, 0.3213,
0.3017

 22.4626, 0.4046,
0.2003

 83.2855, 0.3153,
0.3202

 97.4838, 0.3103,
0.3365

 97.8960, 0.3066,
0.3301

 97.9690, 0.3059,
0.3290

Harmonies

Analogous

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



34.9390, 0.2541, 0.1919



34.9390, 0.3552, 0.2287



34.9390, 0.4579, 0.2849

Triad

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



34.9390, 0.3552, 0.2287



34.9390, 0.4334, 0.4908



34.9390, 0.1469, 0.2549

Complementary

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



34.9390, 0.3552, 0.2287



70.0787, 0.2884, 0.4597

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.



34.9390, 0.1794, 0.3569



34.9390, 0.3552, 0.2287



34.9390, 0.3430, 0.5237

Square

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



34.9390, 0.3552, 0.2287



34.9390, 0.4985, 0.4226



34.9390, 0.2499, 0.4730



34.9390, 0.1495, 0.1986

Rectangle

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



34.9390, 0.3552, 0.2287



34.9390, 0.5021, 0.3286



34.9390, 0.2499, 0.4730



34.9390, 0.1535, 0.2840

Sweetspot

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



34.9407, 0.3552, 0.2287



75.9889, 0.3220, 0.2996



23.7747, 0.2311, 0.1630



15.6862, 0.3234, 0.2957



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.



34.9407, 0.3552, 0.2287



32.6720, 0.3673, 0.2134



32.3172, 0.4375, 0.2963



16.6879, 0.3179, 0.3118



12.2405, 0.4030, 0.1994



1.0929, 0.3903, 0.1924

Inverse Universe

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



34.9407, 0.3552, 0.2287



32.6720, 0.3673, 0.2134



72.7939, 0.2567, 0.3682



16.6879, 0.3179, 0.3118



12.2405, 0.4030, 0.1994



1.0929, 0.3903, 0.1924

Previews

White Background



This preview shows how the Yxy color 34.9390, 0.3552, 0.2287 looks on a white background.

Color Contrast Check

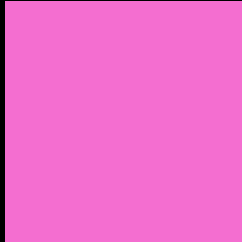
Large Text (above 18pt) WCAG AA × Fail

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 34.9390, 0.3552, 0.2287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

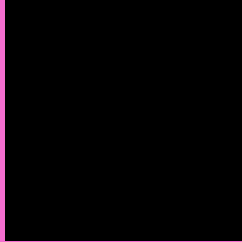
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9390, 0.3552, 0.2287

Background



This preview shows how black text looks on a background with the Yxy color 34.9390, 0.3552, 0.2287.



This preview shows how white text looks on a background with the Yxy color 34.9390, 0.3552, 0.2287.

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

34.9390, 0.3552, 0.2287

Protanopia

35.3736, 0.2289, 0.2154

Deuteranopia

35.2526, 0.2752, 0.2695



Tritanopia

34.9608, 0.4289, 0.3193

Trichromacy



Original Color

34.9390, 0.3552, 0.2287



Protanomaly

33.2403, 0.2635, 0.2150



Deuteranomaly

33.6328, 0.3008, 0.2489



Tritanomaly

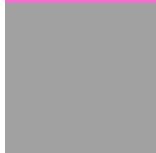
34.8086, 0.4027, 0.2844

Monochromacy



Original Color

34.9390, 0.3552, 0.2287



Achromatopsia

35.6400, 0.3127, 0.3290



Achromatomaly

33.6367, 0.3283, 0.2818

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9390, 0.3552, 0.2287 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(244, 110, 208)` looks like.

```
.text, #text, p{  
    color:rgb(244, 110, 208)  
}
```

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(244, 110, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 110, 208) }
```

Border

The CSS property to change the border of an element to Yxy 34.9390, 0.3552, 0.2287 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(244, 110, 208) }
```

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

```
.border{ border-color:rgb(244, 110, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 110, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 110, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 110, 208);  
box-shadow:4px 4px 4px 4px rgb(244, 110,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9390, 0.3552, 0.2287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 110, 208) }
```

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

```
.background{ background-color: rgb(244,  
110, 208) }
```

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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