

Converting Colors

Yxy(34.9134, 0.3426, 0.2165)

Have a look what the booklet for
Yxy(34.9134, 0.3426, 0.2165)
contains.

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Color

Yxy(34.8943, 0.3426, 0.2169)

Conversions

Conversions Part 1

Format	Color
Hex	F36CDB
RGB	243, 108, 219
RGB Percent	95%, 42%, 86%
CMY	0.0470, 0.5765, 0.1411
CMYK	0.00, 0.56, 0.10, 0.05
HSL	311°, 85%, 69%
HSV	311°, 56%, 95%
XYZ	55.1166, 34.8943, 70.8665
YIQ	161.0190, 44.8290, 63.1410

Conversions

Conversions Part 2

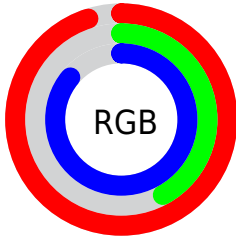
Format	Color
R _Y B	243, 108, 219
Decimal	15953115
CIE Lab	65.67, 64.94, -32.52
CIE LCh	66, 72.628, 333.400
Yxy	34.8943, 0.3426, 0.2169
Android (android.graphics.Color)	4294143195 (0xFFFF36CDB)
YUV	161.0190, 28.5846, 71.8973
Hunter-Lab	59.0714, 63.1745, -29.7788

Details

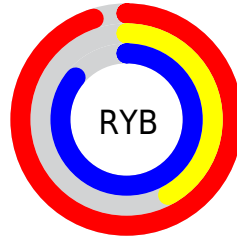
The Yxy color **34.8943, 0.3426, 0.2169** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **68.9614, 0.2939, 0.4780**, and the grayscale version is **35.4990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.3903, 0.3168, 0.2412**, and **15.0673, 0.3480, 0.1902** is the 20% darker color. If you saturate the color by 10%, you get **30.2408, 0.3495, 0.2019**, and if you desaturate by 10%, it is **40.9850, 0.3360, 0.2349**.

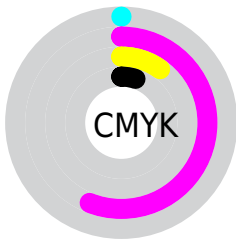
Distribution



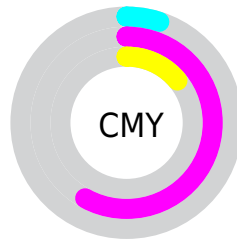
- Red (95%)
- Green (42%)
- Blue (86%)



- Red (95%)
- Yellow (42%)
- Blue (86%)



- Cyan (0%)
- Magenta (56%)
- Yellow (10%)
- Black (5%)





- Cyan (5%)
- Magenta (58%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8943, 0.3426, 0.2169 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 34.8943, 0.3426, 0.2169 by changing the saturation by 10% instead.


 34.8943, 0.3426,
0.2169


 34.8943, 0.3426,
0.2169


324.1015, 0.3296,
0.2694


 23.5815, 0.3453,
0.2049


 67.3220, 0.3383,
0.2351

 15.0234, 0.3484,
0.1903


 89.2056, 0.3366,
0.2422

 8.8358, 0.3520,
0.1719


 115.3817, 0.3350,
0.2483

 4.6343, 0.3561,
0.1484

146.2345, 0.3337,
0.2536

 2.0343, 0.3603,
0.1179

182.1485, 0.3325,
0.2583

 0.6273, 0.3641,
0.0757

223.5081, 0.3314,

 0.0000, 0.3696,

0.2624

0.0000

270.6976, 0.3304,
0.2661

■ 0.0000, 0.1238,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 34.8943, 0.3426,
0.2169

■ 34.8943, 0.3426,
0.2169

■ 30.2408, 0.3495,
0.2019

■ 40.9850, 0.3360,
0.2349

■ 26.8977, 0.3565,
0.1909


■ 48.6160, 0.3298,
0.2549

■ 24.7240, 0.3633,
0.1844

■ 57.8866, 0.3242,
0.2759


■ 23.5442, 0.3698,
0.1825

■ 68.8864, 0.3192,
0.2971


 23.2197, 0.3726,
0.1827

 81.6985, 0.3149,
0.3178

 96.4006, 0.3111,
0.3377

 97.4317, 0.3086,
0.3346

 97.7046, 0.3062,
0.3304

 97.7969, 0.3054,
0.3290

Harmonies

Analogous

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



34.8943, 0.2386, 0.1818



34.8943, 0.3426, 0.2169



34.8943, 0.4556, 0.2733

Triad

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



34.8943, 0.3426, 0.2169



34.8943, 0.4490, 0.4901



34.8943, 0.1402, 0.2602

Complementary

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



34.8943, 0.3426, 0.2169



68.9614, 0.2939, 0.4780

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.



34.8943, 0.1784, 0.3749



34.8943, 0.3426, 0.2169



34.8943, 0.3553, 0.5368

Square

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



34.8943, 0.3426, 0.2169



34.8943, 0.5143, 0.4151



34.8943, 0.2564, 0.4973



34.8943, 0.1391, 0.1958

Rectangle

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



34.8943, 0.3426, 0.2169



34.8943, 0.5082, 0.3178



34.8943, 0.2564, 0.4973



34.8943, 0.1485, 0.2932

Sweetspot

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



34.8959, 0.3426, 0.2169



74.9061, 0.3199, 0.2939



21.9800, 0.2198, 0.1567



15.4826, 0.3209, 0.2897



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.



34.8959, 0.3426, 0.2169



33.0411, 0.3506, 0.1999



32.0799, 0.4219, 0.2815



16.7148, 0.3165, 0.3098



12.7605, 0.3717, 0.1821



1.1345, 0.3642, 0.1780

Inverse Universe

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



34.8959, 0.3426, 0.2169



33.0411, 0.3506, 0.1999



71.3736, 0.2626, 0.3869



16.7148, 0.3165, 0.3098



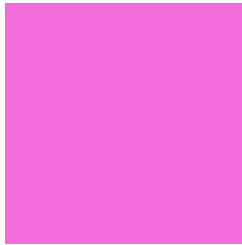
12.7605, 0.3717, 0.1821



1.1345, 0.3642, 0.1780

Previews

White Background



This preview shows how the Yxy color 34.8943, 0.3426, 0.2169 looks on a white background.

Color Contrast Check

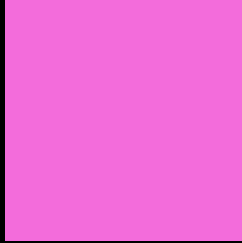
Large Text (above 18pt) WCAG AA × Fail

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 34.8943, 0.3426, 0.2169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

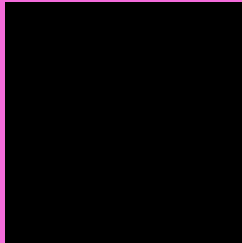
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8943, 0.3426, 0.2169

Background



This preview shows how black text looks on a background with the Yxy color 34.8943, 0.3426, 0.2169.



This preview shows how white text looks on a background with the Yxy color 34.8943, 0.3426, 0.2169.

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

34.8943, 0.3426, 0.2169

Protanopia

35.4715, 0.2204, 0.2050

Deuteranopia

35.0201, 0.2610, 0.2549



Tritanopia

34.7369, 0.4242, 0.3192

Trichromacy



Original Color

34.8943, 0.3426, 0.2169



Protanomaly

32.9830, 0.2527, 0.2034



Deuteranomaly

33.2654, 0.2867, 0.2346



Tritanomaly

34.4693, 0.3935, 0.2783

Monochromacy



Original Color

34.8943, 0.3426, 0.2169



Achromatopsia

35.6400, 0.3127, 0.3290



Achromatomaly

33.7998, 0.3244, 0.2768

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8943, 0.3426, 0.2169 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, 108, 219)` looks like.

```
.text, #text, p{  
    color:rgb(243, 108, 219)  
}
```

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, 108, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 108, 219) }
```

Border

The CSS property to change the border of an element to Yxy 34.8943, 0.3426, 0.2169 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, 108, 219) }
```

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

```
.border{ border-color:rgb(243, 108, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 108, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 108, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 108, 219);  
box-shadow:4px 4px 4px 4px rgb(243, 108,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8943, 0.3426, 0.2169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 108, 219) }
```

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

```
.background{ background-color: rgb(243,  
108, 219) }
```

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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