

Converting Colors

$Yxy(34.0861, 0.3302, 0.1896)$

Have a look what the booklet for
Yxy(34.0861, 0.3302, 0.1896)
contains.

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Color

Yxy(34.1911, 0.3302, 0.1895)

Conversions

Conversions Part 1

Format	Color
Hex	FC59F1
RGB	252, 89, 241
RGB Percent	99%, 35%, 95%
CMY	0.0120, 0.6507, 0.0550
CMYK	0.00, 0.65, 0.04, 0.01
HSL	304°, 96%, 67%
HSV	304°, 65%, 99%
XYZ	59.5773, 34.1911, 86.6596
YIQ	155.0650, 48.3560, 81.8280

Conversions

Conversions Part 2

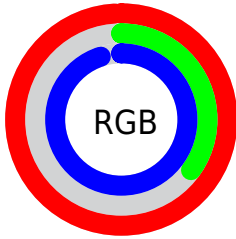
Format	Color
R _Y B	252, 89, 241
Decimal	16538097
CIE Lab	65.11, 78.28, -45.49
CIE LCh	65, 90.539, 329.836
Yxy	34.1911, 0.3302, 0.1895
Android (android.graphics.Color)	4294728177 (0xFFFC59F1)
YUV	155.0650, 42.3660, 85.0120
Hunter-Lab	58.4732, 79.5426, -46.9389

Details

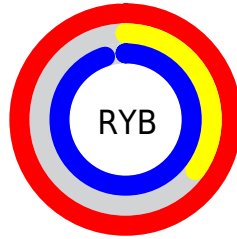
The Yxy color **34.1911, 0.3302, 0.1895** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **72.6371, 0.2992, 0.5272**, and the grayscale version is **32.6137, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.9749, 0.3175, 0.2266**, and **14.6672, 0.3316, 0.1601** is the 20% darker color. If you saturate the color by 10%, you get **30.5877, 0.3330, 0.1769**, and if you desaturate by 10%, it is **39.2330, 0.3273, 0.2061**.

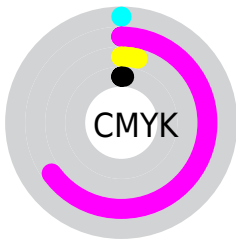
Distribution



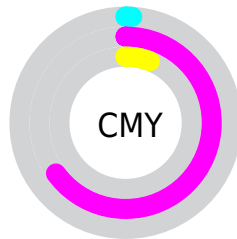
- Red (99%)
- Green (35%)
- Blue (95%)



- Red (99%)
- Yellow (35%)
- Blue (95%)



- Cyan (0%)
- Magenta (65%)
- Yellow (4%)
- Black (1%)





- Cyan (1%)
- Magenta (65%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1911, 0.3302, 0.1895 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 34.1911, 0.3302, 0.1895 by changing the saturation by 10% instead.

 34.1911, 0.3302,
0.1895


 34.1911, 0.3302,
0.1895


320.9833, 0.3248,
0.2525

 23.0404, 0.3307,
0.1759


 66.2307, 0.3289,
0.2108


 14.6234, 0.3309,
0.1595


 87.8885, 0.3282,
0.2193

 8.5555, 0.3304,
0.1396


 113.8174, 0.3276,
0.2266

 4.4524, 0.3286,
0.1154

 144.4019, 0.3270,
0.2331

 1.9297, 0.3241,
0.0859

180.0264, 0.3264,
0.2388

 0.5661, 0.3145,
0.0483

221.0751, 0.3258,

 0.0000, 0.2934,

0.2439

0.0000

267.9327, 0.3253,
0.2484

■ 0.0000, 0.1919,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 34.1911, 0.3302,
0.1895

■ 34.1911, 0.3302,
0.1895

■ 30.5877, 0.3330,
0.1769

■ 39.2330, 0.3273,
0.2061

■ 28.2648, 0.3355,
0.1687


■ 45.8404, 0.3243,
0.2259


■ 27.0358, 0.3378,
0.1648


■ 54.1318, 0.3214,
0.2480

■ 26.6826, 0.3389,
0.1641

■ 64.2129, 0.3187,
0.2713

 76.1808, 0.3161,
0.2951

 90.1255, 0.3137,
0.3184

 99.2886, 0.3121,
0.3310

 99.3972, 0.3111,
0.3294

 99.4258, 0.3108,
0.3290

Harmonies

Analogous

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



34.1911, 0.2099, 0.1535



34.1911, 0.3302, 0.1895



34.1911, 0.4752, 0.2505

Triad

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



34.1911, 0.3302, 0.1895



34.1911, 0.4762, 0.4999



34.1911, 0.1119, 0.2526

Complementary

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



34.1911, 0.3302, 0.1895



72.6371, 0.2992, 0.5272

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.



34.1911, 0.1566, 0.4049



34.1911, 0.3302, 0.1895



34.1911, 0.3653, 0.5813

Square

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



34.1911, 0.3302, 0.1895



34.1911, 0.5566, 0.4057



34.1911, 0.2498, 0.5622



34.1911, 0.1087, 0.1737

Rectangle

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



34.1911, 0.3302, 0.1895



34.1911, 0.5464, 0.2989



34.1911, 0.2498, 0.5622



34.1911, 0.1215, 0.2953

Sweetspot

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



34.1927, 0.3302, 0.1895



72.6795, 0.3172, 0.2847



16.8880, 0.1923, 0.1231



14.8128, 0.3179, 0.2779



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.



34.1927, 0.3302, 0.1895



30.4849, 0.3339, 0.1736



30.3692, 0.4286, 0.2602



17.5032, 0.3148, 0.3072



13.9146, 0.3386, 0.1639



1.2946, 0.3363, 0.1626

Inverse Universe

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



34.1927, 0.3302, 0.1895



30.4849, 0.3339, 0.1736



75.0674, 0.2653, 0.4211



17.5032, 0.3148, 0.3072



13.9146, 0.3386, 0.1639



1.2946, 0.3363, 0.1626

Previews

White Background



This preview shows how the Yxy color 34.1911, 0.3302, 0.1895 looks on a white background.

Color Contrast Check

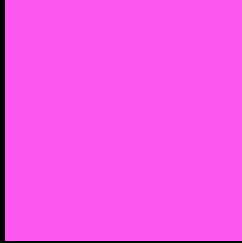
Large Text (above 18pt) WCAG AA × Fail

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 34.1911, 0.3302, 0.1895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

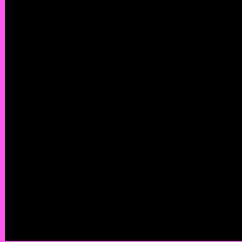
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1911, 0.3302, 0.1895

Background



This preview shows how black text looks on a background with the Yxy color 34.1911, 0.3302, 0.1895.



This preview shows how white text looks on a background with the Yxy color 34.1911, 0.3302, 0.1895.

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

34.1911, 0.3302, 0.1895

Protanopia

34.5142, 0.2177, 0.2018

Deuteranopia

34.4942, 0.2367, 0.2307



Tritanopia

34.0560, 0.4418, 0.3207

Trichromacy



Original Color

34.1911, 0.3302, 0.1895



Protanomaly

31.3502, 0.2474, 0.1878



Deuteranomaly

31.4417, 0.2638, 0.2045



Tritanomaly

33.2872, 0.4004, 0.2658

Monochromacy



Original Color

34.1911, 0.3302, 0.1895



Achromatopsia

32.7778, 0.3127, 0.3290



Achromatomaly

30.7249, 0.3203, 0.2575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1911, 0.3302, 0.1895 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(252, 89, 241)` looks like.

```
.text, #text, p{  
    color:rgb(252, 89, 241)  
}
```

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(252, 89, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 89, 241) }
```

Border

The CSS property to change the border of an element to Yxy 34.1911, 0.3302, 0.1895 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(252, 89, 241) }
```

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

```
.border{ border-color:rgb(252, 89, 241) }
```

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

Here you see how a box with a 4 pixel rgb(252, 89, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 89, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 89, 241);  
box-shadow:4px 4px 4px 4px rgb(252, 89,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1911, 0.3302, 0.1895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 89, 241) }
```

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

```
.background{ background-color: rgb(252, 89,  
241) }
```

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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