

Converting Colors

Yxy(34.7456, 0.3941, 0.2612)

Have a look what the booklet for
Yxy(34.7456, 0.3941, 0.2612)
contains.

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Color

Yxy(34.7592, 0.3940, 0.2606)

Conversions

Conversions Part 1

Format	Color
Hex	F870B2
RGB	248, 112, 178
RGB Percent	97%, 44%, 70%
CMY	0.0273, 0.5609, 0.3019
CMYK	0.00, 0.55, 0.28, 0.03
HSL	331°, 91%, 71%
HSV	331°, 55%, 97%
XYZ	52.5523, 34.7592, 46.0699
YIQ	160.1880, 59.8700, 49.3580

Conversions

Conversions Part 2

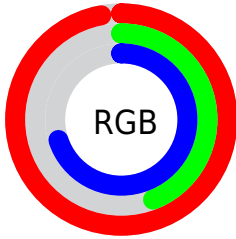
Format	Color
R_{YB}	248, 112, 178
Decimal	16281778
CIE _{Lab}	65.56, 58.83, -9.52
CIE _{LCh}	66, 59.593, 350.803
Yxy	34.7592, 0.3940, 0.2606
Android (android.graphics.Color)	4294471858 (0xFFFF870B2)
YUV	160.1880, 8.7813, 77.0111
Hunter-Lab	58.9569, 55.9344, -5.0604

Details

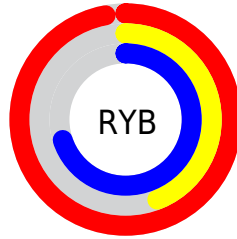
The Yxy color **34.7592, 0.3940, 0.2606** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **73.9763, 0.2726, 0.4141**, and the grayscale version is **35.1815, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.2058, 0.3336, 0.2628**, and **14.9044, 0.4187, 0.2418** is the 20% darker color. If you saturate the color by 10%, you get **29.5331, 0.4173, 0.2517**, and if you desaturate by 10%, it is **41.5435, 0.3733, 0.2720**.

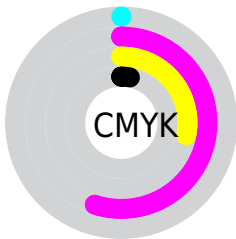
Distribution



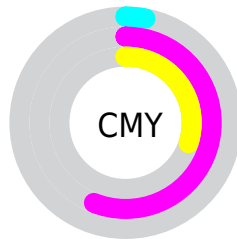
- Red (97%)
- Green (44%)
- Blue (70%)



- Red (97%)
- Yellow (44%)
- Blue (70%)



- Cyan (0%)
- Magenta (55%)
- Yellow (28%)
- Black (3%)





- Cyan (3%)
- Magenta (56%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.7592, 0.3940, 0.2606 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 34.7592, 0.3940, 0.2606 by changing the saturation by 10% instead.


 34.7592, 0.3940,
0.2606


 34.7592, 0.3940,
0.2606


323.5042, 0.3524,
0.2947


 23.4774, 0.4046,
0.2522


 67.1126, 0.3787,
0.2729

 14.9464, 0.4184,
0.2414


 88.9530, 0.3730,
0.2776

 8.7818, 0.4369,
0.2273


 115.0817, 0.3682,
0.2815

 4.5991, 0.4631,
0.2078

145.8831, 0.3641,
0.2849

 2.0140, 0.5024,
0.1799

181.7417, 0.3606,
0.2878

 0.6156, 0.5704,
0.1321

223.0418, 0.3575,

 0.0000, 0.8818,

0.2904


0.0000


270.1679, 0.3548,
0.2927


 0.0000, 0.0000,
0.0000

 34.7592, 0.3940,
0.2606


 34.7592, 0.3940,
0.2606


 29.5331, 0.4173,
0.2517


 41.5435, 0.3733,
0.2720


 25.7315, 0.4425,
0.2466

 49.9946, 0.3554,
0.2847

 23.2069, 0.4684,
0.2464

 60.2174, 0.3403,
0.2978

 21.7761, 0.4936,
0.2518

 72.3068, 0.3276,
0.3108

 21.3287, 0.5061,
0.2562

 86.3507, 0.3171,
0.3232

98.6772, 0.3087,
0.3294

98.7028, 0.3084,
0.3290

Harmonies

Analogous

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



34.7592, 0.2995, 0.2176



34.7592, 0.3940, 0.2606



34.7592, 0.4698, 0.3179

Triad

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



34.7592, 0.3940, 0.2606



34.7592, 0.3889, 0.4929



34.7592, 0.1600, 0.2365

Complementary

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



34.7592, 0.3940, 0.2606



73.9763, 0.2726, 0.4141

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.



34.7592, 0.1757, 0.3101



34.7592, 0.3940, 0.2606



34.7592, 0.3038, 0.4877

Square

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



34.7592, 0.3940, 0.2606



34.7592, 0.4589, 0.4456



34.7592, 0.2257, 0.4114



34.7592, 0.1757, 0.2007

Rectangle

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



34.7592, 0.3940, 0.2606



34.7592, 0.4917, 0.3601



34.7592, 0.2257, 0.4114



34.7592, 0.1616, 0.2566

Sweetspot

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



34.7610, 0.3940, 0.2606



75.3952, 0.3290, 0.3093



28.0663, 0.2571, 0.1736



15.5444, 0.3314, 0.3067



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.



34.7610, 0.3940, 0.2606



30.8699, 0.4203, 0.2508



32.7150, 0.4778, 0.3295



17.3656, 0.3217, 0.3175



11.5462, 0.5024, 0.2541



1.0907, 0.4750, 0.2390

Inverse Universe

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



34.7610, 0.3940, 0.2606



30.8699, 0.4203, 0.2508



77.3789, 0.2431, 0.3288



17.3656, 0.3217, 0.3175



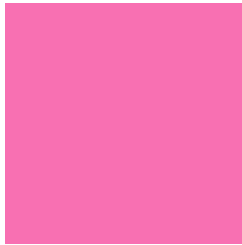
11.5462, 0.5024, 0.2541



1.0907, 0.4750, 0.2390

Previews

White Background



This preview shows how the Yxy color 34.7592, 0.3940, 0.2606 looks on a white background.

Color Contrast Check

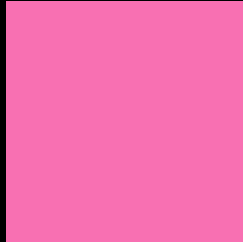
Large Text (above 18pt) WCAG AA × Fail

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 34.7592, 0.3940, 0.2606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

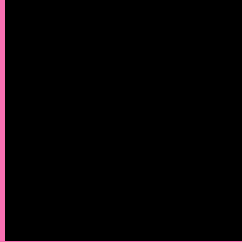
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7592, 0.3940, 0.2606

Background



This preview shows how black text looks on a background with the Yxy color 34.7592, 0.3940, 0.2606.



This preview shows how white text looks on a background with the Yxy color 34.7592, 0.3940, 0.2606.

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

34.7592, 0.3940, 0.2606

Protanopia

35.1682, 0.2617, 0.2586

Deuteranopia

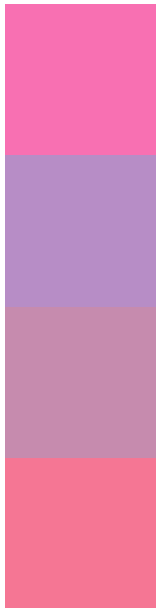
34.9290, 0.3128, 0.3065



Tritanopia

34.7909, 0.4445, 0.3198

Trichromacy



Original Color

34.7592, 0.3940, 0.2606

Protanomaly

33.1942, 0.3014, 0.2549

Deuteranomaly

33.5270, 0.3401, 0.2839

Tritanomaly

34.5075, 0.4263, 0.2973

Monochromacy



Original Color

34.7592, 0.3940, 0.2606

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

33.6414, 0.3404, 0.2972

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7592, 0.3940, 0.2606 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(248, 112, 178)` looks like.

```
.text, #text, p{  
    color:rgb(248, 112, 178)  
}
```

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(248, 112, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 112, 178) }
```

Border

The CSS property to change the border of an element to Yxy 34.7592, 0.3940, 0.2606 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(248, 112, 178) }
```

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

```
.border{ border-color:rgb(248, 112, 178) }
```

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

Here you see how a box with a 4 pixel rgb(248, 112, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 112, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 112, 178);  
box-shadow:4px 4px 4px 4px rgb(248, 112,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7592, 0.3940, 0.2606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 112, 178) }
```

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

```
.background{ background-color: rgb(248,  
112, 178) }
```

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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