

Converting Colors

$Y_{xy}(34.5507, 0.3903, 0.2716)$

Have a look what the booklet for
Yxy(34.5507, 0.3903, 0.2716)
contains.

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Color

Yxy(34.5229, 0.3901, 0.2713)

Conversions

Conversions Part 1

Format	Color
Hex	EF77AC
RGB	239, 119, 172
RGB Percent	94%, 47%, 67%
CMY	0.0628, 0.5333, 0.3254
CMYK	0.00, 0.50, 0.28, 0.06
HSL	333°, 79%, 70%
HSV	333°, 50%, 94%
XYZ	49.6402, 34.5229, 43.0868
YIQ	160.9220, 54.5070, 41.9230

Conversions

Conversions Part 2

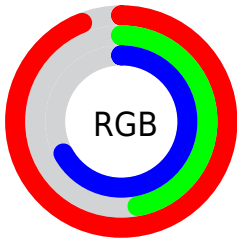
Format	Color
R _Y B	239, 119, 172
Decimal	15693740
CIE Lab	65.38, 51.90, -6.53
CIE LCh	65, 52.310, 352.828
Yxy	34.5229, 0.3901, 0.2713
Android (android.graphics.Color)	4293883820 (0xFFEF77AC)
YUV	160.9220, 5.4615, 68.4744
Hunter-Lab	58.7562, 47.9825, -2.3489

Details

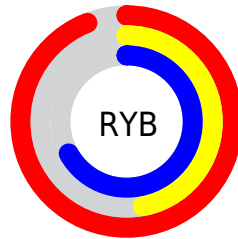
The Yxy color **34.5229, 0.3901, 0.2713** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **69.1974, 0.2723, 0.3981**, and the grayscale version is **35.5594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.0782, 0.3388, 0.2753**, and **14.8400, 0.4134, 0.2545** is the 20% darker color. If you saturate the color by 10%, you get **29.0459, 0.4145, 0.2621**, and if you desaturate by 10%, it is **41.4849, 0.3689, 0.2823**.

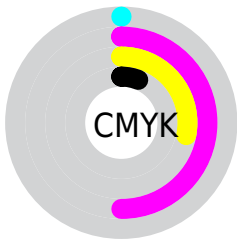
Distribution



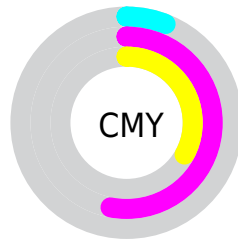
- Red (94%)
- Green (47%)
- Blue (67%)



- Red (94%)
- Yellow (47%)
- Blue (67%)



- Cyan (0%)
- Magenta (50%)
- Yellow (28%)
- Black (6%)





- Cyan (6%)
- Magenta (53%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5229, 0.3901, 0.2713 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 34.5229, 0.3901, 0.2713 by changing the saturation by 10% instead.


 34.5229, 0.3901,
0.2713


 34.5229, 0.3901,
0.2713


322.4574, 0.3501,
0.3005


 23.2956, 0.4005,
0.2639


 66.7460, 0.3753,
0.2820

 14.8119, 0.4140,
0.2545


 88.5106, 0.3698,
0.2860

 8.6875, 0.4323,
0.2418


 114.5564, 0.3652,
0.2893

 4.5379, 0.4584,
0.2242

145.2678, 0.3613,
0.2922

 1.9788, 0.4986,
0.1980

181.0292, 0.3579,
0.2947

 0.5951, 0.5711,
0.1496

222.2250, 0.3550,

 0.0000, 1.0000,

0.2969

0.0000

269.2396, 0.3524,
0.2988

0.0000, 0.0000,
0.0000

34.5229, 0.3901,
0.2713

34.5229, 0.3901,
0.2713

29.0459, 0.4145,
0.2621

41.4849, 0.3689,
0.2823

24.9378, 0.4414,
0.2560

50.0260, 0.3508,
0.2942

22.0737, 0.4699,
0.2543

60.2389, 0.3357,
0.3062

20.3029, 0.4982,
0.2579

72.2071, 0.3232,
0.3178

19.3822, 0.5243,
0.2662

86.0090, 0.3129,
0.3288

 96.9022, 0.3046,
0.3319

 97.0900, 0.3029,
0.3290

Harmonies

Analogous

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



34.5229, 0.3071, 0.2307



34.5229, 0.3901, 0.2713



34.5229, 0.4541, 0.3247

Triad

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



34.5229, 0.3901, 0.2713



34.5229, 0.3780, 0.4756



34.5229, 0.1750, 0.2444

Complementary

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



34.5229, 0.3901, 0.2713



69.1974, 0.2723, 0.3981

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.



34.5229, 0.1881, 0.3084



34.5229, 0.3901, 0.2713



34.5229, 0.3015, 0.4637

Square

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



34.5229, 0.3901, 0.2713



34.5229, 0.4412, 0.4392



34.5229, 0.2322, 0.3950



34.5229, 0.1912, 0.2129

Rectangle

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



34.5229, 0.3901, 0.2713



34.5229, 0.4718, 0.3635



34.5229, 0.2322, 0.3950



34.5229, 0.1760, 0.2621

Sweetspot

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



34.5246, 0.3901, 0.2713



76.6773, 0.3290, 0.3122



29.7414, 0.2685, 0.1893



15.7929, 0.3317, 0.3098



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.



34.5246, 0.3901, 0.2713



33.6498, 0.4145, 0.2621



34.3509, 0.4524, 0.3359



15.8749, 0.3224, 0.3186



10.7369, 0.5204, 0.2640



0.9129, 0.4876, 0.2460

Inverse Universe

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



34.5246, 0.3901, 0.2713



33.6498, 0.4145, 0.2621



68.4299, 0.2458, 0.3215



15.8749, 0.3224, 0.3186



10.7369, 0.5204, 0.2640



0.9129, 0.4876, 0.2460

Previews

White Background



This preview shows how the Yxy color 34.5229, 0.3901, 0.2713 looks on a white background.

Color Contrast Check

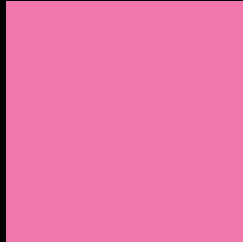
Large Text (above 18pt) WCAG AA × Fail

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 34.5229, 0.3901, 0.2713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

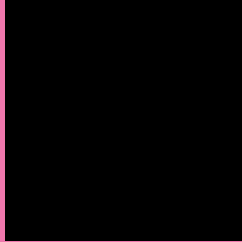
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5229, 0.3901, 0.2713

Background



This preview shows how black text looks on a background with the Yxy color 34.5229, 0.3901, 0.2713.



This preview shows how white text looks on a background with the Yxy color 34.5229, 0.3901, 0.2713.

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

34.5229, 0.3901, 0.2713

Protanopia

34.9690, 0.2734, 0.2741

Deuteranopia

34.5223, 0.3185, 0.3120



Tritanopia

34.5038, 0.4296, 0.3193

Trichromacy



Original Color

34.5229, 0.3901, 0.2713



Protanomaly

33.5224, 0.3095, 0.2706



Deuteranomaly

33.6127, 0.3439, 0.2937



Tritanomaly

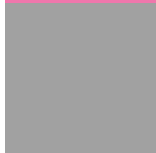
34.3086, 0.4161, 0.3015

Monochromacy



Original Color

34.5229, 0.3901, 0.2713



Achromatopsia

35.6400, 0.3127, 0.3290



Achromatomaly

34.0932, 0.3388, 0.3035

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5229, 0.3901, 0.2713 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(239, 119, 172)` looks like.

```
.text, #text, p{  
    color:rgb(239, 119, 172)  
}
```

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(239, 119, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 119, 172) }
```

Border

The CSS property to change the border of an element to Yxy 34.5229, 0.3901, 0.2713 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(239, 119, 172) }
```

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

```
.border{ border-color:rgb(239, 119, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 119, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 119, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 119, 172);  
box-shadow:4px 4px 4px 4px rgb(239, 119,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5229, 0.3901, 0.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 119, 172) }
```

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

```
.background{ background-color: rgb(239,  
119, 172) }
```

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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