

Converting Colors

Yxy(33.9364, 0.3698, 0.2606)

Have a look what the booklet for
Yxy(33.9364, 0.3698, 0.2606)
contains.

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Color

Yxy(34.0411, 0.3695, 0.2607)

Conversions

Conversions Part 1

Format	Color
Hex	E779B6
RGB	231, 121, 182
RGB Percent	91%, 47%, 71%
CMY	0.0939, 0.5256, 0.2862
CMYK	0.00, 0.48, 0.21, 0.09
HSL	327°, 70%, 69%
HSV	327°, 48%, 91%
XYZ	48.2477, 34.0411, 48.2869
YIQ	160.8440, 45.9790, 42.2910

Conversions

Conversions Part 2

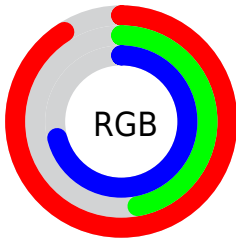
Format	Color
R _Y B	231, 121, 182
Decimal	15169974
CIE Lab	65.00, 49.74, -12.87
CIE LCh	65, 51.377, 345.492
Yxy	34.0411, 0.3695, 0.2607
Android (android.graphics.Color)	4293360054 (0xFFE779B6)
YUV	160.8440, 10.4299, 61.5268
Hunter-Lab	58.3448, 45.5059, -8.2279

Details

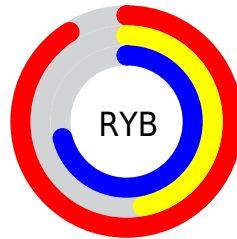
The Yxy color **34.0411, 0.3695, 0.2607** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **64.1445, 0.2803, 0.4112**, and the grayscale version is **35.4980, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4837, 0.3296, 0.2670**, and **14.4835, 0.3865, 0.2413** is the 20% darker color. If you saturate the color by 10%, you get **28.6752, 0.3875, 0.2483**, and if you desaturate by 10%, it is **40.7861, 0.3537, 0.2748**.

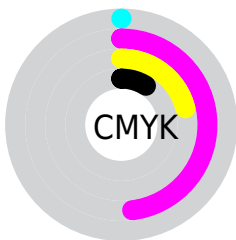
Distribution



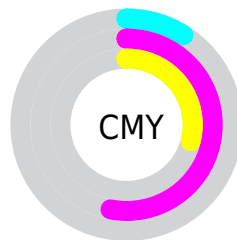
- Red (91%)
- Green (47%)
- Blue (71%)



- Red (91%)
- Yellow (47%)
- Blue (71%)



- Cyan (0%)
- Magenta (48%)
- Yellow (21%)
- Black (9%)





- Cyan (9%)
- Magenta (53%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0411, 0.3695, 0.2607 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 34.0411, 0.3695, 0.2607 by changing the saturation by 10% instead.


 34.0411, 0.3695,
0.2607


 34.0411, 0.3695,
0.2607


320.3153, 0.3407,
0.2946


 22.9252, 0.3768,
0.2523


 65.9976, 0.3589,
0.2730

 14.5383, 0.3863,
0.2417

 87.6069, 0.3550,
0.2776

 8.4960, 0.3990,
0.2276


 113.4829, 0.3517,
0.2815

 4.4139, 0.4168,
0.2084

144.0098, 0.3488,
0.2849

 1.9077, 0.4437,
0.1806

179.5721, 0.3464,
0.2878

 0.5530, 0.4925,
0.1299

220.5542, 0.3442,

 0.0000, 0.6987,

0.2904

0.0000

267.3404, 0.3423,
0.2926

0.0000, 0.0000,
0.0000

34.0411, 0.3695,
0.2607

34.0411, 0.3695,
0.2607

28.6752, 0.3875,
0.2483

40.7861, 0.3537,
0.2748

24.5850, 0.4073,
0.2388

48.9937, 0.3401,
0.2895

21.6610, 0.4284,
0.2333


58.7468, 0.3286,
0.3043


19.7720, 0.4499,
0.2329

70.1204, 0.3190,
0.3186

18.7414, 0.4707,
0.2378

83.1848, 0.3110,
0.3321

 18.5583, 0.4756,
0.2394

 95.0346, 0.3044,
0.3402

 95.6767, 0.2987,
0.3299

 95.7369, 0.2982,
0.3290

Harmonies

Analogous

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



34.0411, 0.2882, 0.2247



34.0411, 0.3695, 0.2607



34.0411, 0.4403, 0.3112

Triad

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



34.0411, 0.3695, 0.2607



34.0411, 0.3946, 0.4683



34.0411, 0.1769, 0.2580

Complementary

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



34.0411, 0.3695, 0.2607



64.1445, 0.2803, 0.4112

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.



34.0411, 0.1974, 0.3286



34.0411, 0.3695, 0.2607



34.0411, 0.3205, 0.4703

Square

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



34.0411, 0.3695, 0.2607



34.0411, 0.4508, 0.4255



34.0411, 0.2483, 0.4142



34.0411, 0.1860, 0.2191

Rectangle

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



34.0411, 0.3695, 0.2607



34.0411, 0.4660, 0.3491



34.0411, 0.2483, 0.4142



34.0411, 0.1803, 0.2782

Sweetspot

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



34.0427, 0.3695, 0.2607



78.3173, 0.3250, 0.3095



27.8392, 0.2600, 0.1928



16.1268, 0.3272, 0.3063



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.



34.0427, 0.3695, 0.2607



36.0648, 0.3868, 0.2487



32.2318, 0.4355, 0.3210



14.5011, 0.3206, 0.3160



10.4246, 0.4725, 0.2376



0.7890, 0.4443, 0.2221

Inverse Universe

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



34.0427, 0.3695, 0.2607



36.0648, 0.3868, 0.2487



66.6077, 0.2532, 0.3380



14.5011, 0.3206, 0.3160



10.4246, 0.4725, 0.2376



0.7890, 0.4443, 0.2221

Previews

White Background



This preview shows how the Yxy color 34.0411, 0.3695, 0.2607 looks on a white background.

Color Contrast Check

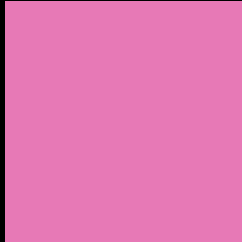
Large Text (above 18pt) WCAG AA × Fail

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 34.0411, 0.3695, 0.2607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

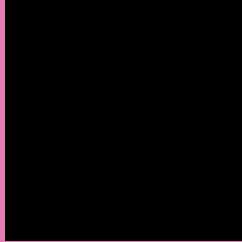
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0411, 0.3695, 0.2607

Background



This preview shows how black text looks on a background with the Yxy color 34.0411, 0.3695, 0.2607.



This preview shows how white text looks on a background with the Yxy color 34.0411, 0.3695, 0.2607.

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

34.0411, 0.3695, 0.2607

Protanopia

34.2529, 0.2627, 0.2592

Deuteranopia

34.2451, 0.3036, 0.2978



Tritanopia

34.1602, 0.4136, 0.3188

Trichromacy



Original Color

34.0411, 0.3695, 0.2607



Protanomaly

32.9062, 0.2956, 0.2573



Deuteranomaly

33.3792, 0.3263, 0.2814



Tritanomaly

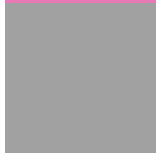
34.0393, 0.3966, 0.2967

Monochromacy



Original Color

34.0411, 0.3695, 0.2607



Achromatopsia

35.6400, 0.3127, 0.3290



Achromatomaly

33.8614, 0.3317, 0.2980

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0411, 0.3695, 0.2607 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(231, 121, 182)` looks like.

```
.text, #text, p{  
    color:rgb(231, 121, 182)  
}
```

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(231, 121, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 121, 182) }
```

Border

The CSS property to change the border of an element to Yxy 34.0411, 0.3695, 0.2607 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(231, 121, 182) }
```

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

```
.border{ border-color:rgb(231, 121, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 121, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 121, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 121, 182);  
box-shadow:4px 4px 4px 4px rgb(231, 121,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0411, 0.3695, 0.2607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 121, 182) }
```

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

```
.background{ background-color: rgb(231,  
121, 182) }
```

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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