

Converting Colors

Yxy(34.3929, 0.3618, 0.2639)

Have a look what the booklet for
Yxy(34.3929, 0.3618, 0.2639)
contains.

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Color

Yxy(34.3482, 0.3610, 0.2635)

Conversions

Conversions Part 1

Format	Color
Hex	E17EB7
RGB	225, 126, 183
RGB Percent	88%, 49%, 72%
CMY	0.1177, 0.5058, 0.2824
CMYK	0.00, 0.44, 0.19, 0.12
HSL	325°, 62%, 69%
HSV	325°, 44%, 88%
XYZ	47.0577, 34.3482, 48.9478
YIQ	162.0990, 40.7070, 38.7150

Conversions

Conversions Part 2

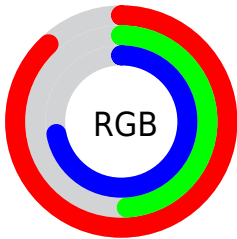
Format	Color
R _Y B	225, 126, 183
Decimal	14778039
CIE Lab	65.24, 45.39, -13.14
CIE LCh	65, 47.251, 343.848
Yxy	34.3482, 0.3610, 0.2635
Android (android.graphics.Color)	4292968119 (0xFFE17EB7)
YUV	162.0990, 10.3042, 55.1642
Hunter-Lab	58.6073, 40.7605, -8.4928

Details

The Yxy color **34.3482, 0.3610, 0.2635** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **61.1110, 0.2834, 0.4066**, and the grayscale version is **36.1180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5397, 0.3284, 0.2710**, and **14.7016, 0.3758, 0.2449** is the 20% darker color. If you saturate the color by 10%, you get **28.8438, 0.3772, 0.2499**, and if you desaturate by 10%, it is **41.1767, 0.3468, 0.2784**.

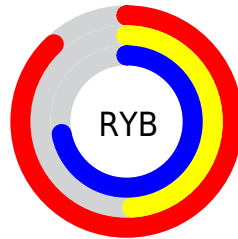
Distribution



Red (88%)

Green (49%)

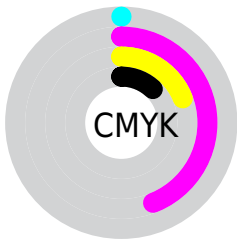
Blue (72%)



Red (88%)

Yellow (49%)

Blue (72%)

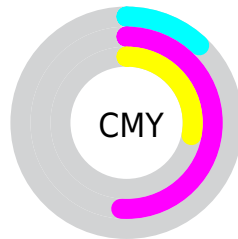


Cyan (0%)

Magenta (44%)

Yellow (19%)

Black (12%)



Cyan (12%)


Magenta (51%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3482, 0.3610, 0.2635 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 34.3482, 0.3610, 0.2635 by changing the saturation by 10% instead.


 34.3482, 0.3610,
0.2635


 34.3482, 0.3610,
0.2635


321.6819, 0.3366,
0.2961


 23.1612, 0.3672,
0.2555


 66.4748, 0.3521,
0.2753

 14.7126, 0.3751,
0.2452


 88.1832, 0.3487,
0.2797

 8.6179, 0.3858,
0.2317


 114.1675, 0.3459,
0.2835

 4.4928, 0.4008,
0.2132

144.8122, 0.3435,
0.2867

 1.9529, 0.4232,
0.1863

180.5015, 0.3414,
0.2895

 0.5799, 0.4638,
0.1378

221.6200, 0.3396,

 0.0000, 0.6376,

0.2920

0.0000

268.5520, 0.3380,
0.2941

0.0000, 0.0000,
0.0000

34.3482, 0.3610,
0.2635

34.3482, 0.3610,
0.2635

28.8438, 0.3772,
0.2499

41.1767, 0.3468,
0.2784

24.5702, 0.3953,
0.2387

49.4045, 0.3346,
0.2937

21.4297, 0.4147,
0.2311

59.1070, 0.3244,
0.3089

19.3077, 0.4348,
0.2283

70.3527, 0.3157,
0.3234


18.0646, 0.4546,
0.2307

83.2058, 0.3086,
0.3371

 17.6058, 0.4663,
0.2342

 93.8341, 0.3027,
0.3439

 94.4174, 0.2974,
0.3342

 94.7466, 0.2946,
0.3289

Harmonies

Analogous

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



34.3482, 0.2867, 0.2307



34.3482, 0.3610, 0.2635



34.3482, 0.4269, 0.3105

Triad

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



34.3482, 0.3610, 0.2635



34.3482, 0.3929, 0.4561



34.3482, 0.1867, 0.2671

Complementary

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



34.3482, 0.3610, 0.2635



61.1110, 0.2834, 0.4066

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.



34.3482, 0.2080, 0.3335



34.3482, 0.3610, 0.2635



34.3482, 0.3248, 0.4587

Square

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



34.3482, 0.3610, 0.2635



34.3482, 0.4427, 0.4170



34.3482, 0.2572, 0.4104



34.3482, 0.1937, 0.2286

Rectangle

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



34.3482, 0.3610, 0.2635



34.3482, 0.4523, 0.3460



34.3482, 0.2572, 0.4104



34.3482, 0.1906, 0.2865

Sweetspot

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



34.3498, 0.3610, 0.2635



79.7699, 0.3235, 0.3102



28.6035, 0.2637, 0.2037



16.4150, 0.3256, 0.3069



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.



34.3498, 0.3610, 0.2635



38.7184, 0.3761, 0.2507



32.6595, 0.4192, 0.3196



13.8322, 0.3202, 0.3156



10.1697, 0.4634, 0.2327



0.7227, 0.4355, 0.2173

Inverse Universe

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



34.3498, 0.3610, 0.2635



38.7184, 0.3761, 0.2507



63.2801, 0.2575, 0.3394



13.8322, 0.3202, 0.3156



10.1697, 0.4634, 0.2327



0.7227, 0.4355, 0.2173

Previews

White Background



This preview shows how the Yxy color 34.3482, 0.3610, 0.2635 looks on a white background.

Color Contrast Check

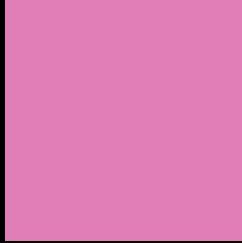
Large Text (above 18pt) WCAG AA × Fail

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 34.3482, 0.3610, 0.2635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

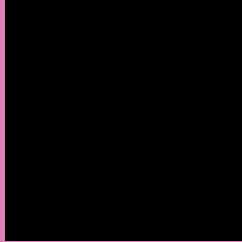
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3482, 0.3610, 0.2635

Background



This preview shows how black text looks on a background with the Yxy color 34.3482, 0.3610, 0.2635.



This preview shows how white text looks on a background with the Yxy color 34.3482, 0.3610, 0.2635.

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

34.3482, 0.3610, 0.2635

Protanopia

34.6766, 0.2658, 0.2634

Deuteranopia

34.6564, 0.3018, 0.2965



Tritanopia

34.4360, 0.3996, 0.3172

Trichromacy



Original Color

34.3482, 0.3610, 0.2635



Protanomaly

33.6573, 0.2956, 0.2623



Deuteranomaly

33.8066, 0.3221, 0.2813



Tritanomaly

34.2308, 0.3853, 0.2970

Monochromacy



Original Color

34.3482, 0.3610, 0.2635



Achromatopsia

36.1307, 0.3127, 0.3290



Achromatomaly

34.7115, 0.3292, 0.3007

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3482, 0.3610, 0.2635 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(225, 126, 183)` looks like.

```
.text, #text, p{  
    color:rgb(225, 126, 183)  
}
```

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(225, 126, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 126, 183) }
```

Border

The CSS property to change the border of an element to Yxy 34.3482, 0.3610, 0.2635 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(225, 126, 183) }
```

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

```
.border{ border-color:rgb(225, 126, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 126, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 126, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 126, 183);  
box-shadow:4px 4px 4px 4px rgb(225, 126,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3482, 0.3610, 0.2635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 126, 183) }
```

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

```
.background{ background-color: rgb(225,  
126, 183) }
```

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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