

Converting Colors

$Y_{xy}(34.2467, 0.3696, 0.2616)$

Have a look what the booklet for
Yxy(34.2467, 0.3696, 0.2616)
contains.

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Color

Yxy(34.2854, 0.3692, 0.2618)

Conversions

Conversions Part 1

Format	Color
Hex	E77AB6
RGB	231, 122, 182
RGB Percent	91%, 48%, 71%
CMY	0.0942, 0.5215, 0.2863
CMYK	0.00, 0.47, 0.21, 0.09
HSL	327°, 69%, 69%
HSV	327°, 47%, 91%
XYZ	48.3505, 34.2854, 48.3243
YIQ	161.4310, 45.7040, 41.7680

Conversions

Conversions Part 2

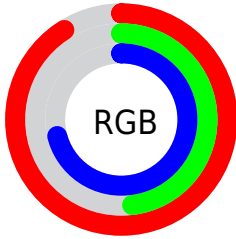
Format	Color
R _Y B	231, 122, 182
Decimal	15170230
CIE Lab	65.19, 49.19, -12.58
CIE LCh	65, 50.771, 345.658
Yxy	34.2854, 0.3692, 0.2618
Android (android.graphics.Color)	4293360310 (0xFFE77AB6)
YUV	161.4310, 10.1405, 61.0120
Hunter-Lab	58.5537, 44.9267, -7.9444

Details

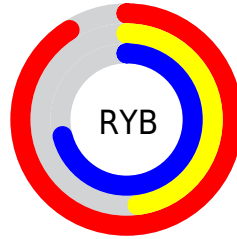
The Yxy color **34.2854, 0.3692, 0.2618** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **64.2148, 0.2803, 0.4096**, and the grayscale version is **35.7902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.8773, 0.3295, 0.2680**, and **14.7255, 0.3860, 0.2437** is the 20% darker color. If you saturate the color by 10%, you get **28.8582, 0.3872, 0.2494**, and if you desaturate by 10%, it is **41.0954, 0.3534, 0.2758**.

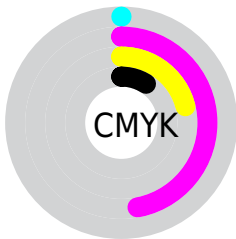
Distribution



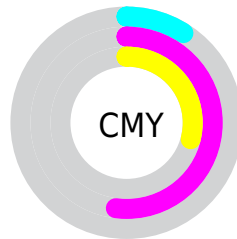
- Red (91%)
- Green (48%)
- Blue (71%)



- Red (91%)
- Yellow (48%)
- Blue (71%)



- Cyan (0%)
- Magenta (47%)
- Yellow (21%)
- Black (9%)




- Cyan (9%)
- Magenta (52%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2854, 0.3692, 0.2618 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 34.2854, 0.3692, 0.2618 by changing the saturation by 10% instead.

 34.2854, 0.3692,
0.2618


 34.2854, 0.3692,
0.2618


321.4028, 0.3405,
0.2952


 23.1129, 0.3765,
0.2536


 66.3772, 0.3587,
0.2739

 14.6769, 0.3859,
0.2431


 88.0654, 0.3548,
0.2784

 8.5930, 0.3985,
0.2292


 114.0276, 0.3515,
0.2823

 4.4767, 0.4163,
0.2103

144.6482, 0.3486,
0.2856

 1.9436, 0.4430,
0.1829

180.3117, 0.3462,
0.2885

 0.5744, 0.4911,
0.1337

221.4023, 0.3441,

 0.0000, 0.6988,

0.2910

0.0000

268.3045, 0.3422,
0.2932

■ 0.0000, 0.0000,
0.0000

■ 34.2854, 0.3692,
0.2618

■ 34.2854, 0.3692,
0.2618

■ 28.8582, 0.3872,
0.2494

■ 41.0954, 0.3534,
0.2758

■ 24.7113, 0.4072,
0.2398

■ 49.3715, 0.3397,
0.2905

■ 21.7357, 0.4285,
0.2341


■ 59.1960, 0.3282,
0.3052

■ 19.8016, 0.4502,
0.2336


■ 70.6438, 0.3186,
0.3193

■ 18.7400, 0.4714,
0.2384

■ 83.7848, 0.3106,
0.3327

 18.5200, 0.4773,
0.2403

 95.0534, 0.3041,
0.3397

 95.7030, 0.2983,
0.3293

 95.7239, 0.2981,
0.3290

Harmonies

Analogous

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



34.2854, 0.2890, 0.2261



34.2854, 0.3692, 0.2618



34.2854, 0.4388, 0.3119

Triad

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



34.2854, 0.3692, 0.2618



34.2854, 0.3934, 0.4666



34.2854, 0.1785, 0.2588

Complementary

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



34.2854, 0.3692, 0.2618



64.2148, 0.2803, 0.4096

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.



34.2854, 0.1987, 0.3283



34.2854, 0.3692, 0.2618



34.2854, 0.3202, 0.4679

Square

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



34.2854, 0.3692, 0.2618



34.2854, 0.4489, 0.4249



34.2854, 0.2489, 0.4125



34.2854, 0.1876, 0.2203

Rectangle

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



34.2854, 0.3692, 0.2618



34.2854, 0.4640, 0.3494



34.2854, 0.2489, 0.4125



34.2854, 0.1818, 0.2787

Sweetspot

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



34.2871, 0.3692, 0.2618



78.3089, 0.3251, 0.3096



28.1547, 0.2607, 0.1942



16.1248, 0.3273, 0.3065



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.



34.2871, 0.3692, 0.2618



36.0395, 0.3875, 0.2492



32.5024, 0.4336, 0.3211



14.5001, 0.3207, 0.3161



10.4110, 0.4741, 0.2386



0.7880, 0.4456, 0.2228

Inverse Universe

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



34.2871, 0.3692, 0.2618



36.0395, 0.3875, 0.2492



66.6405, 0.2536, 0.3379



14.5001, 0.3207, 0.3161



10.4110, 0.4741, 0.2386



0.7880, 0.4456, 0.2228

Previews

White Background



This preview shows how the Yxy color 34.2854, 0.3692, 0.2618 looks on a white background.

Color Contrast Check

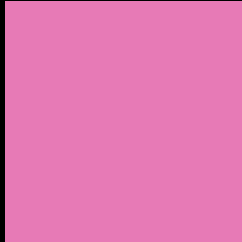
Large Text (above 18pt) WCAG AA × Fail

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 34.2854, 0.3692, 0.2618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

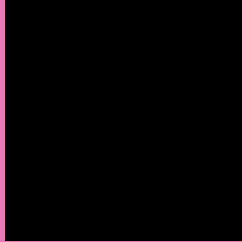
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2854, 0.3692, 0.2618

Background



This preview shows how black text looks on a background with the Yxy color 34.2854, 0.3692, 0.2618.



This preview shows how white text looks on a background with the Yxy color 34.2854, 0.3692, 0.2618.

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

34.2854, 0.3692, 0.2618

Protanopia

34.6812, 0.2636, 0.2608

Deuteranopia

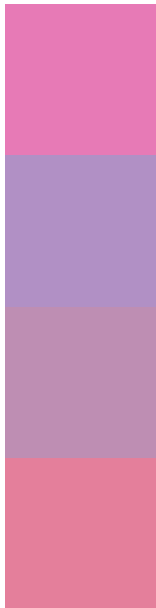
34.3925, 0.3036, 0.2965



Tritanopia

34.1896, 0.4124, 0.3176

Trichromacy



Original Color

34.2854, 0.3692, 0.2618

Protanomaly

33.3248, 0.2966, 0.2588

Deuteranomaly

33.5478, 0.3263, 0.2804

Tritanomaly

34.0393, 0.3966, 0.2967

Monochromacy



Original Color

34.2854, 0.3692, 0.2618

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.1711, 0.3315, 0.2993

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2854, 0.3692, 0.2618 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, 122, 182)` looks like.

```
.text, #text, p{  
    color:rgb(231, 122, 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, 122, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 122, 182) }
```

Border

The CSS property to change the border of an element to Yxy 34.2854, 0.3692, 0.2618 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, 122, 182) }
```

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

```
.border{ border-color:rgb(231, 122, 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, 122, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 122, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 122, 182);  
box-shadow:4px 4px 4px 4px rgb(231, 122,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2854, 0.3692, 0.2618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 122, 182) }
```

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

```
.background{ background-color: rgb(231,  
122, 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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