

Converting Colors

$Y_{xy}(34.4425, 0.3867, 0.2918)$

Have a look what the booklet for
Yxy(34.4425, 0.3867, 0.2918)
contains.

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Color

Yxy(34.4425, 0.3867, 0.2918)

Conversions

Conversions Part 1

Format	Color
Hex	E281A1
RGB	226, 129, 161
RGB Percent	89%, 51%, 63%
CMY	0.1137, 0.4941, 0.3687
CMYK	0.00, 0.43, 0.29, 0.11
HSL	340°, 63%, 70%
HSV	340°, 43%, 89%
XYZ	45.6440, 34.4425, 37.9481
YIQ	161.6510, 47.5400, 30.5160

Conversions

Conversions Part 2

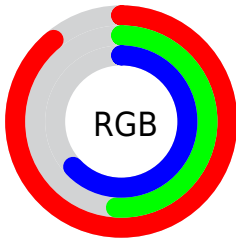
Format	Color
R _Y B	226, 129, 161
Decimal	14844321
CIE Lab	65.31, 41.06, -0.55
CIE LCh	65, 41.068, 359.227
Yxy	34.4425, 0.3867, 0.2918
Android (android.graphics.Color)	4293034401 (0xFFE281A1)
YUV	161.6510, -0.3209, 56.4341
Hunter-Lab	58.6877, 36.1236, 2.7439

Details

The Yxy color **34.4425, 0.3867, 0.2918** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **62.9542, 0.2710, 0.3709**, and the grayscale version is **35.9454, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.4988, 0.3466, 0.2963**, and **14.7584, 0.4091, 0.2793** is the 20% darker color. If you saturate the color by 10%, you get **28.6312, 0.4140, 0.2840**, and if you desaturate by 10%, it is **41.6384, 0.3636, 0.3006**.

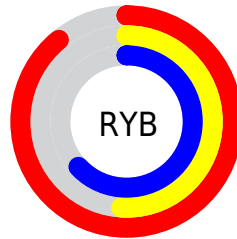
Distribution



Red (89%)

Green (51%)

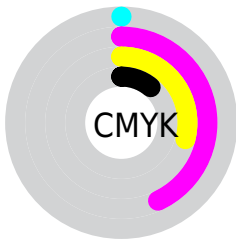
Blue (63%)



Red (89%)

Yellow (51%)

Blue (63%)

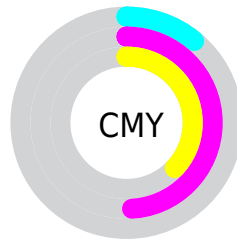


Cyan (0%)

Magenta (43%)

Yellow (29%)

Black (11%)



Cyan (11%)


Magenta (49%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.4425, 0.3867, 0.2918 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 34.4425, 0.3867, 0.2918 by changing the saturation by 10% instead.

 34.4425, 0.3867,
0.2918


 34.4425, 0.3867,
0.2918


322.1007, 0.3480,
0.3112


 23.2337, 0.3969,
0.2867


 66.6212, 0.3722,
0.2991

 14.7662, 0.4104,
0.2800

 88.3599, 0.3669,
0.3017

 8.6555, 0.4289,
0.2707

 114.3775, 0.3625,
0.3040

 4.5171, 0.4559,
0.2574

145.0582, 0.3587,
0.3059

 1.9668, 0.4984,
0.2363

180.7864, 0.3554,
0.3075

 0.5881, 0.5850,
0.1926

221.9467, 0.3526,

 0.0000, 1.0000,

0.3089

0.0000

268.9233, 0.3502,
0.3101

0.0000, 0.0000,
0.0000

34.4425, 0.3867,
0.2918

34.4425, 0.3867,
0.2918

28.6312, 0.4140,
0.2840

41.6384, 0.3636,
0.3006

24.1095, 0.4452,
0.2782

50.2959, 0.3445,
0.3096

20.7781, 0.4795,
0.2755

60.4920, 0.3288,
0.3183

18.5210, 0.5147,
0.2772

72.2971, 0.3160,
0.3267

17.1982, 0.5478,
0.2838

85.7772, 0.3055,
0.3344

■ 16.6687, 0.5687,
0.2907

■ 94.7087, 0.2969,
0.3321

■ 94.9078, 0.2952,
0.3289

Harmonies

Analogous

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



34.4425, 0.3231, 0.2549



34.4425, 0.3867, 0.2918



34.4425, 0.4303, 0.3381

Triad

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



34.4425, 0.3867, 0.2918



34.4425, 0.3547, 0.4453



34.4425, 0.2012, 0.2548

Complementary

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



34.4425, 0.3867, 0.2918



62.9542, 0.2710, 0.3709

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.



34.4425, 0.2075, 0.3018



34.4425, 0.3867, 0.2918



34.4425, 0.2929, 0.4237

Square

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



34.4425, 0.3867, 0.2918



34.4425, 0.4081, 0.4274



34.4425, 0.2396, 0.3663



34.4425, 0.2200, 0.2326

Rectangle

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



34.4425, 0.3867, 0.2918



34.4425, 0.4394, 0.3705



34.4425, 0.2396, 0.3663



34.4425, 0.2004, 0.2678

Sweetspot

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



34.4442, 0.3867, 0.2918



79.2932, 0.3290, 0.3182



32.6201, 0.2872, 0.2142



16.2976, 0.3323, 0.3163



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.



34.4442, 0.3867, 0.2918



38.7346, 0.4094, 0.2851



38.0581, 0.4162, 0.3483



13.7747, 0.3241, 0.3213



9.5296, 0.5646, 0.2884



0.6767, 0.5210, 0.2644

Inverse Universe

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



34.4442, 0.3867, 0.2918



38.7346, 0.4094, 0.2851



56.1685, 0.2511, 0.3081



13.7747, 0.3241, 0.3213



9.5296, 0.5646, 0.2884



0.6767, 0.5210, 0.2644

Previews

White Background



This preview shows how the Yxy color 34.4425, 0.3867, 0.2918 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 34.4425, 0.3867, 0.2918 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 34.4425, 0.3867, 0.2918

Background



This preview shows how black text looks on a background with the Yxy color 34.4425, 0.3867, 0.2918.



This preview shows how white text looks on a background with the Yxy color 34.4425, 0.3867, 0.2918.

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

34.4425, 0.3867, 0.2918

Protanopia

34.7360, 0.2935, 0.3001

Deuteranopia

34.6595, 0.3310, 0.3248



Tritanopia

34.3028, 0.4060, 0.3174

Trichromacy



Original Color

34.4425, 0.3867, 0.2918

Protanomaly

33.6698, 0.3235, 0.2949

Deuteranomaly

34.1888, 0.3515, 0.3118

Tritanomaly

34.4101, 0.3991, 0.3080

Monochromacy



Original Color

34.4425, 0.3867, 0.2918

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

34.7356, 0.3370, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4425, 0.3867, 0.2918 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(226, 129, 161)` looks like.

```
.text, #text, p{  
    color:rgb(226, 129, 161)  
}
```

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(226, 129, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 129, 161) }
```

Border

The CSS property to change the border of an element to Yxy 34.4425, 0.3867, 0.2918 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(226, 129, 161) }
```

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

```
.border{ border-color:rgb(226, 129, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 129, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 129, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 129, 161);  
box-shadow:4px 4px 4px 4px rgb(226, 129,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4425, 0.3867, 0.2918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 129, 161) }
```

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

```
.background{ background-color: rgb(226,  
129, 161) }
```

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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