

Converting Colors

Yxy(34.5534, 0.3923, 0.2969)

Have a look what the booklet for
Yxy(34.5534, 0.3923, 0.2969)
contains.

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Color

Yxy(34.4657, 0.3925, 0.2965)

Conversions

Conversions Part 1

Format	Color
Hex	E3819D
RGB	227, 129, 157
RGB Percent	89%, 51%, 62%
CMY	0.1096, 0.4942, 0.3843
CMYK	0.00, 0.43, 0.31, 0.11
HSL	343°, 64%, 70%
HSV	343°, 43%, 89%
XYZ	45.6249, 34.4657, 36.1512
YIQ	161.4940, 49.4200, 29.4840

Conversions

Conversions Part 2

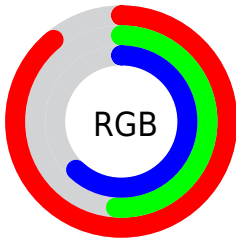
Format	Color
R_{YB}	227, 129, 157
Decimal	14909853
CIE _{Lab}	65.33, 40.93, 1.74
CIE _{LCh}	65, 40.968, 2.428
Yxy	34.4657, 0.3925, 0.2965
Android (android.graphics.Color)	4293099933 (0xFFE3819D)
YUV	161.4940, -2.2155, 57.4488
Hunter-Lab	58.7075, 35.9843, 4.5853

Details

The Yxy color **34.4657, 0.3925, 0.2965** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **63.7500, 0.2685, 0.3654**, and the grayscale version is **35.8758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.2441, 0.3508, 0.3013**, and **14.7834, 0.4177, 0.2857** is the 20% darker color. If you saturate the color by 10%, you get **28.6196, 0.4220, 0.2899**, and if you desaturate by 10%, it is **41.7173, 0.3676, 0.3041**.

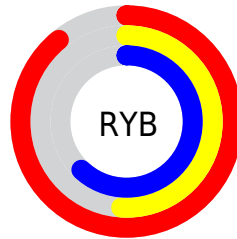
Distribution



Red (89%)

Green (51%)

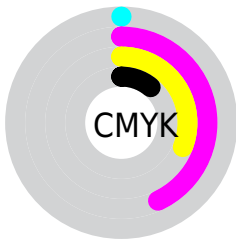
Blue (62%)



Red (89%)

Yellow (51%)

Blue (62%)

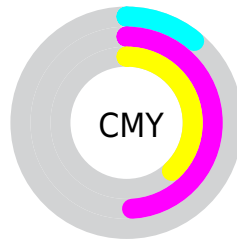


Cyan (0%)

Magenta (43%)

Yellow (31%)

Black (11%)



Cyan (11%)


Magenta (49%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4657, 0.3925, 0.2965 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 34.4657, 0.3925, 0.2965 by changing the saturation by 10% instead.


 34.4657, 0.3925,
0.2965


 34.4657, 0.3925,
0.2965


322.2036, 0.3506,
0.3138


 23.2516, 0.4036,
0.2919


 66.6572, 0.3768,
0.3030

 14.7794, 0.4182,
0.2857


 88.4034, 0.3710,
0.3054

 8.6647, 0.4384,
0.2772


 114.4291, 0.3662,
0.3074

 4.5231, 0.4678,
0.2646

145.1187, 0.3622,
0.3090

 1.9703, 0.5142,
0.2445

180.8565, 0.3587,
0.3105

 0.5901, 0.6161,
0.2038

222.0270, 0.3556,

 0.0000, 1.0000,

0.3117

0.0000

269.0146, 0.3530,
0.3128

0.0000, 0.0000,
0.0000

34.4657, 0.3925,
0.2965

34.4657, 0.3925,
0.2965

28.6196, 0.4220,
0.2899

41.7173, 0.3676,
0.3041

24.0819, 0.4558,
0.2851

50.4529, 0.3470,
0.3119

20.7515, 0.4927,
0.2834


60.7511, 0.3302,
0.3195

18.5097, 0.5301,
0.2858

72.6836, 0.3165,
0.3268

17.2133, 0.5643,
0.2928

86.3176, 0.3054,
0.3335

 16.7181, 0.5844,
0.2993

 95.0322, 0.2962,
0.3297

 95.0776, 0.2958,
0.3290

Harmonies

Analogous

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



34.4657, 0.3301, 0.2584



34.4657, 0.3925, 0.2965



34.4657, 0.4326, 0.3432

Triad

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



34.4657, 0.3925, 0.2965



34.4657, 0.3481, 0.4448



34.4657, 0.2023, 0.2514

Complementary

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



34.4657, 0.3925, 0.2965



63.7500, 0.2685, 0.3654

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.



34.4657, 0.2059, 0.2958



34.4657, 0.3925, 0.2965



34.4657, 0.2866, 0.4186

Square

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



34.4657, 0.3925, 0.2965



34.4657, 0.4031, 0.4305



34.4657, 0.2352, 0.3591



34.4657, 0.2237, 0.2319

Rectangle

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



34.4657, 0.3925, 0.2965



34.4657, 0.4389, 0.3756



34.4657, 0.2352, 0.3591



34.4657, 0.2006, 0.2635

Sweetspot

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



34.4674, 0.3925, 0.2965



79.2109, 0.3300, 0.3196



33.1979, 0.2900, 0.2144



16.2775, 0.3335, 0.3180



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.



34.4674, 0.3925, 0.2965



37.8263, 0.4193, 0.2904



39.2879, 0.4155, 0.3523



14.4354, 0.3248, 0.3223



9.7635, 0.5806, 0.2972



0.7371, 0.5389, 0.2742

Inverse Universe

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



34.4674, 0.3925, 0.2965



37.8263, 0.4193, 0.2904



55.0475, 0.2500, 0.3036



14.4354, 0.3248, 0.3223



9.7635, 0.5806, 0.2972



0.7371, 0.5389, 0.2742

Previews

White Background



This preview shows how the Yxy color 34.4657, 0.3925, 0.2965 looks on a white background.

Color Contrast Check

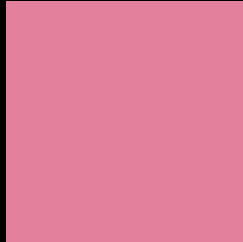
Large Text (above 18pt) WCAG AA × Fail

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 34.4657, 0.3925, 0.2965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

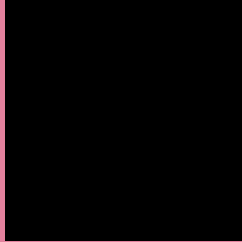
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4657, 0.3925, 0.2965

Background



This preview shows how black text looks on a background with the Yxy color 34.4657, 0.3925, 0.2965.



This preview shows how white text looks on a background with the Yxy color 34.4657, 0.3925, 0.2965.

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

34.4657, 0.3925, 0.2965

Protanopia

34.6778, 0.2978, 0.3058

Deuteranopia

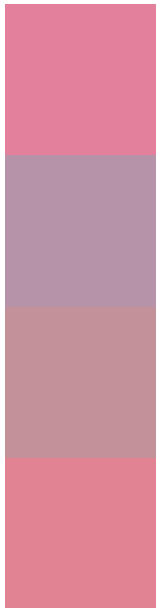
34.7582, 0.3369, 0.3305



Tritanopia

34.5944, 0.4092, 0.3187

Trichromacy



Original Color

34.4657, 0.3925, 0.2965

Protanomaly

33.6397, 0.3284, 0.3003

Deuteranomaly

34.1860, 0.3568, 0.3171

Tritanomaly

34.5079, 0.4025, 0.3104

Monochromacy



Original Color

34.4657, 0.3925, 0.2965

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.3472, 0.3392, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4657, 0.3925, 0.2965 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(227, 129, 157)` looks like.

```
.text, #text, p{  
    color:rgb(227, 129, 157)  
}
```

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(227, 129, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 129, 157) }
```

Border

The CSS property to change the border of an element to Yxy 34.4657, 0.3925, 0.2965 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(227, 129, 157) }
```

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

```
.border{ border-color:rgb(227, 129, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 129, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 129, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 129, 157);  
box-shadow:4px 4px 4px 4px rgb(227, 129,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4657, 0.3925, 0.2965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 129, 157) }
```

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

```
.background{ background-color: rgb(227,  
129, 157) }
```

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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