

Converting Colors

$Y_{xy}(35.4730, 0.4030, 0.2953)$

Have a look what the booklet for
Yxy(35.4730, 0.4030, 0.2953)
contains.

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Color

Yxy(35.4459, 0.4025, 0.2956)

Conversions

Conversions Part 1

Format	Color
Hex	EC7F9D
RGB	236, 127, 157
RGB Percent	93%, 50%, 62%
CMY	0.0746, 0.5019, 0.3843
CMYK	0.00, 0.46, 0.33, 0.07
HSL	343°, 74%, 71%
HSV	343°, 46%, 93%
XYZ	48.2645, 35.4459, 36.2013
YIQ	163.0110, 55.3340, 32.4380

Conversions

Conversions Part 2

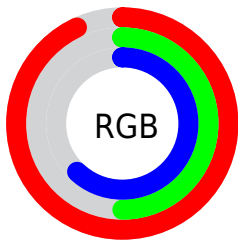
Format	Color
R _Y B	236, 127, 157
Decimal	15499165
CIE Lab	66.09, 45.05, 2.99
CIE LCh	66, 45.146, 3.795
Yxy	35.4459, 0.4025, 0.2956
Android (android.graphics.Color)	4293689245 (0xFFEC7F9D)
YUV	163.0110, -2.9634, 64.0114
Hunter-Lab	59.5365, 40.5159, 5.6240

Details

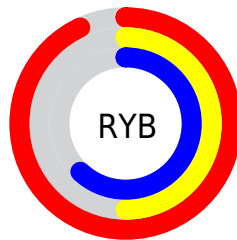
The Yxy color **35.4459, 0.4025, 0.2956** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **68.9515, 0.2655, 0.3670**, and the grayscale version is **36.6281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.4190, 0.3511, 0.2992**, and **15.2853, 0.4306, 0.2839** is the 20% darker color. If you saturate the color by 10%, you get **29.5047, 0.4340, 0.2897**, and if you desaturate by 10%, it is **42.8998, 0.3757, 0.3027**.

Distribution



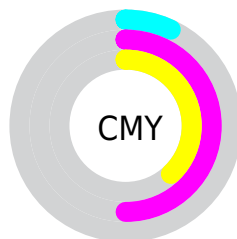
- Red (93%)
- Green (50%)
- Blue (62%)



- Red (93%)
- Yellow (50%)
- Blue (62%)



- Cyan (0%)
- Magenta (46%)
- Yellow (33%)
- Black (7%)





- Cyan (7%)
- Magenta (50%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4459, 0.4025, 0.2956 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 35.4459, 0.4025, 0.2956 by changing the saturation by 10% instead.


 35.4459, 0.4025,
0.2956


 35.4459, 0.4025,
0.2956


326.5322, 0.3555,
0.3134


 24.0066, 0.4149,
0.2908


 68.1760, 0.3850,
0.3023

 15.3385, 0.4311,
0.2844


 90.2355, 0.3785,
0.3048

 9.0573, 0.4533,
0.2756

 116.6038, 0.3731,
0.3068

 4.7786, 0.4854,
0.2626

147.6654, 0.3685,
0.3086

 2.1179, 0.5353,
0.2418

183.8047, 0.3646,
0.3100

 0.6747, 0.6362,
0.2045

225.4059, 0.3612,

 0.0000, 1.0000,

0.3113

0.0000

272.8536, 0.3582,
0.3124

0.0000, 0.0000,
0.0000

35.4459, 0.4025,
0.2956

35.4459, 0.4025,
0.2956

29.5047, 0.4340,
0.2897

42.8998, 0.3757,
0.3027

24.9663, 0.4697,
0.2860

51.9555, 0.3534,
0.3102

21.7145, 0.5077,
0.2856

62.7017, 0.3352,
0.3177

19.6118, 0.5450,
0.2896

75.2188, 0.3204,
0.3248

18.4877, 0.5776,
0.2979

89.5821, 0.3084,
0.3315

■ 18.2116, 0.5885,
0.3016

■ 96.5704, 0.3011,
0.3290

Harmonies

Analogous

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



35.4459, 0.3346, 0.2543



35.4459, 0.4025, 0.2956



35.4459, 0.4447, 0.3458

Triad

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



35.4459, 0.4025, 0.2956



35.4459, 0.3473, 0.4557



35.4459, 0.1941, 0.2430

Complementary

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



35.4459, 0.4025, 0.2956



68.9515, 0.2655, 0.3670

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.



35.4459, 0.1965, 0.2893



35.4459, 0.4025, 0.2956



35.4459, 0.2808, 0.4254

Square

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



35.4459, 0.4025, 0.2956



35.4459, 0.4079, 0.4402



35.4459, 0.2263, 0.3583



35.4459, 0.2181, 0.2238

Rectangle

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



35.4459, 0.4025, 0.2956



35.4459, 0.4498, 0.3805



35.4459, 0.2263, 0.3583



35.4459, 0.1919, 0.2554

Sweetspot

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



35.4477, 0.4025, 0.2956



77.7440, 0.3318, 0.3192



34.2327, 0.2895, 0.2067



15.9878, 0.3353, 0.3177



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.



35.4477, 0.4025, 0.2956



35.7763, 0.4308, 0.2902



41.3758, 0.4251, 0.3559



15.1222, 0.3250, 0.3225



10.0587, 0.5844, 0.2993



0.8056, 0.5451, 0.2776

Inverse Universe

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



35.4477, 0.4025, 0.2956



35.7763, 0.4308, 0.2902



57.8433, 0.2458, 0.2991



15.1222, 0.3250, 0.3225



10.0587, 0.5844, 0.2993



0.8056, 0.5451, 0.2776

Previews

White Background



This preview shows how the Yxy color 35.4459, 0.4025, 0.2956 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 35.4459, 0.4025, 0.2956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

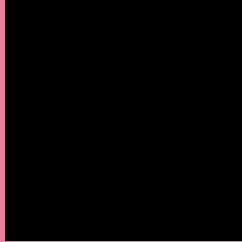
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4459, 0.4025, 0.2956

Background



This preview shows how black text looks on a background with the Yxy color 35.4459, 0.4025, 0.2956.



This preview shows how white text looks on a background with the Yxy color 35.4459, 0.4025, 0.2956.

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

35.4459, 0.4025, 0.2956

Protanopia

35.6471, 0.2980, 0.3060

Deuteranopia

35.7472, 0.3406, 0.3347



Tritanopia

35.3511, 0.4196, 0.3180

Trichromacy



Original Color

35.4459, 0.4025, 0.2956

Protanomaly

34.6092, 0.3324, 0.3008

Deuteranomaly

34.8633, 0.3621, 0.3174

Tritanomaly

35.4380, 0.4139, 0.3101

Monochromacy



Original Color

35.4459, 0.4025, 0.2956

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.3331, 0.3432, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4459, 0.4025, 0.2956 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(236, 127, 157)` looks like.

```
.text, #text, p{  
    color:rgb(236, 127, 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(236, 127, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 127, 157) }
```

Border

The CSS property to change the border of an element to Yxy 35.4459, 0.4025, 0.2956 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(236, 127, 157) }
```

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

```
.border{ border-color:rgb(236, 127, 157) }
```

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

Here you see how a box with a 4 pixel rgb(236, 127, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 127, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 127, 157);  
box-shadow:4px 4px 4px 4px rgb(236, 127,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4459, 0.4025, 0.2956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 127, 157) }
```

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

```
.background{ background-color: rgb(236,  
127, 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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