

Converting Colors

$Y_{xy}(34.4138, 0.3953, 0.2915)$

Have a look what the booklet for
Yxy(34.4138, 0.3953, 0.2915)
contains.

Yxy(34.4138, 0.3953, 0.2915)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.4138, 0.3953, 0.2915)

Conversions

Conversions Part 1

Format	Color
Hex	E77E9F
RGB	231, 126, 159
RGB Percent	91%, 49%, 62%
CMY	0.0942, 0.5058, 0.3765
CMYK	0.00, 0.45, 0.31, 0.09
HSL	341°, 69%, 70%
HSV	341°, 45%, 91%
XYZ	46.6682, 34.4138, 36.9757
YIQ	161.1570, 51.9870, 32.5230

Conversions

Conversions Part 2

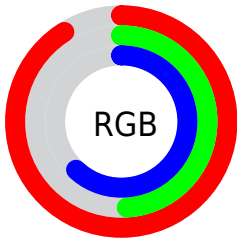
Format	Color
R _Y B	231, 126, 159
Decimal	15171231
CIE Lab	65.29, 44.07, 0.62
CIE LCh	65, 44.073, 0.806
Yxy	34.4138, 0.3953, 0.2915
Android (android.graphics.Color)	4293361311 (0xFFE77E9F)
YUV	161.1570, -1.0634, 61.2523
Hunter-Lab	58.6633, 39.3407, 3.6936

Details

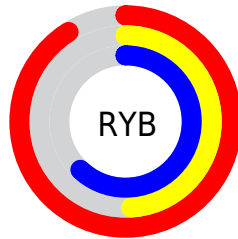
The Yxy color **34.4138, 0.3953, 0.2915** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **65.6569, 0.2682, 0.3717**, and the grayscale version is **35.7060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.1628, 0.3488, 0.2952**, and **14.7320, 0.4219, 0.2784** is the 20% darker color. If you saturate the color by 10%, you get **28.6584, 0.4245, 0.2845**, and if you desaturate by 10%, it is **41.6068, 0.3705, 0.2997**.

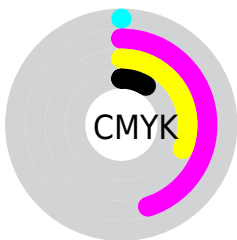
Distribution



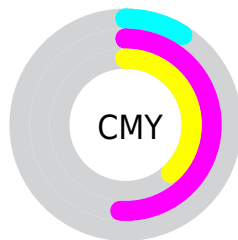
- Red (91%)
- Green (49%)
- Blue (62%)



- Red (91%)
- Yellow (49%)
- Blue (62%)



- Cyan (0%)
- Magenta (45%)
- Yellow (31%)
- Black (9%)





- Cyan (9%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4138, 0.3953, 0.2915 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 34.4138, 0.3953, 0.2915 by changing the saturation by 10% instead.


 34.4138, 0.3953,
0.2915


 34.4138, 0.3953,
0.2915


321.9733, 0.3520,
0.3112


 23.2117, 0.4067,
0.2863


 66.5766, 0.3791,
0.2989

 14.7499, 0.4218,
0.2794


 88.3062, 0.3732,
0.3016

 8.6440, 0.4425,
0.2698


 114.3136, 0.3682,
0.3039

 4.5097, 0.4725,
0.2560

144.9833, 0.3640,
0.3058

 1.9626, 0.5197,
0.2341

180.6998, 0.3604,
0.3074

 0.5856, 0.6176,
0.1898

221.8473, 0.3572,


 0.0000, 1.0000,


0.3089


0.0000


268.8103, 0.3544,
0.3101


 0.0000, 0.0000,
0.0000


 34.4138, 0.3953,
0.2915


 34.4138, 0.3953,
0.2915


 28.6584, 0.4245,
0.2845


 41.6068, 0.3705,
0.2997

 24.2375, 0.4576,
0.2797


 50.3208, 0.3499,
0.3083


 21.0428, 0.4933,
0.2783


 60.6389, 0.3329,
0.3167

 18.9461, 0.5290,
0.2815

 72.6366, 0.3191,
0.3248

 17.7902, 0.5615,
0.2895

 86.3849, 0.3079,
0.3324

 17.4608, 0.5748,
0.2940

 95.6648, 0.2987,
0.3299

 95.7259, 0.2981,
0.3290

Harmonies

Analogous

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



34.4138, 0.3273, 0.2519



34.4138, 0.3953, 0.2915



34.4138, 0.4404, 0.3406

Triad

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



34.4138, 0.3953, 0.2915



34.4138, 0.3535, 0.4542



34.4138, 0.1946, 0.2475

Complementary

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



34.4138, 0.3953, 0.2915



65.6569, 0.2682, 0.3717

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.



34.4138, 0.1996, 0.2960



34.4138, 0.3953, 0.2915



34.4138, 0.2876, 0.4290

Square

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



34.4138, 0.3953, 0.2915



34.4138, 0.4117, 0.4355



34.4138, 0.2319, 0.3652



34.4138, 0.2158, 0.2258

Rectangle

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



34.4138, 0.3953, 0.2915



34.4138, 0.4484, 0.3750



34.4138, 0.2319, 0.3652



34.4138, 0.1933, 0.2607

Sweetspot

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



34.4155, 0.3953, 0.2915



77.8217, 0.3309, 0.3179



32.6665, 0.2868, 0.2077



16.0065, 0.3342, 0.3161



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.



34.4155, 0.3953, 0.2915



35.9606, 0.4240, 0.2846



38.8242, 0.4244, 0.3514



14.4422, 0.3243, 0.3216



9.8103, 0.5706, 0.2917



0.7413, 0.5291, 0.2688

Inverse Universe

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



34.4155, 0.3953, 0.2915



35.9606, 0.4240, 0.2846



57.1622, 0.2476, 0.3043



14.4422, 0.3243, 0.3216



9.8103, 0.5706, 0.2917



0.7413, 0.5291, 0.2688

Previews

White Background



This preview shows how the Yxy color 34.4138, 0.3953, 0.2915 looks on a white background.

Color Contrast Check

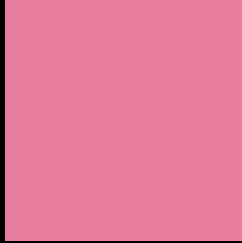
Large Text (above 18pt) WCAG AA × Fail

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 34.4138, 0.3953, 0.2915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

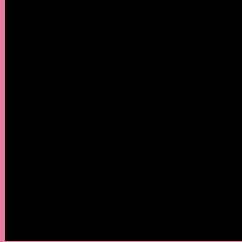
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4138, 0.3953, 0.2915

Background



This preview shows how black text looks on a background with the Yxy color 34.4138, 0.3953, 0.2915.



This preview shows how white text looks on a background with the Yxy color 34.4138, 0.3953, 0.2915.

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

34.4138, 0.3953, 0.2915

Protanopia

34.7360, 0.2935, 0.3001

Deuteranopia

34.6744, 0.3349, 0.3291



Tritanopia

34.4874, 0.4157, 0.3189

Trichromacy



Original Color

34.4138, 0.3953, 0.2915

Protanomaly

33.5653, 0.3266, 0.2950

Deuteranomaly

34.0826, 0.3560, 0.3132

Tritanomaly

34.5988, 0.4087, 0.3096

Monochromacy



Original Color

34.4138, 0.3953, 0.2915

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.1570, 0.3404, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4138, 0.3953, 0.2915 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, 126, 159)` looks like.

```
.text, #text, p{  
    color:rgb(231, 126, 159)  
}
```

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, 126, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 126, 159) }
```

Border

The CSS property to change the border of an element to Yxy 34.4138, 0.3953, 0.2915 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, 126, 159) }
```

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

```
.border{ border-color:rgb(231, 126, 159) }
```

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

Here you see how a box with a 4 pixel rgb(231, 126, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 126, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 126, 159);  
box-shadow:4px 4px 4px 4px rgb(231, 126,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4138, 0.3953, 0.2915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 126, 159) }
```

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

```
.background{ background-color: rgb(231,  
126, 159) }
```

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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