

Converting Colors

Yxy(68.1885, 0.3137, 0.3004)

Have a look what the booklet for
Yxy(68.1885, 0.3137, 0.3004)
contains.

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Color

Yxy(68.0586, 0.3140, 0.3006)

Conversions

Conversions Part 1

Format	Color
Hex	EACFEA
RGB	234, 207, 234
RGB Percent	92%, 81%, 92%
CMY	0.0825, 0.1882, 0.0822
CMYK	0.00, 0.12, 0.00, 0.08
HSL	300°, 39%, 86%
HSV	300°, 12%, 92%
XYZ	71.0925, 68.0586, 87.2581
YIQ	218.1510, 7.4250, 14.1210

Conversions

Conversions Part 2

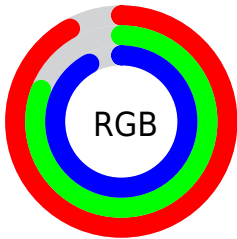
Format	Color
R_{YB}	234, 207, 234
Decimal	15388650
CIE Lab	86.04, 14.06, -9.85
CIE LCh	86, 17.166, 324.995
Yxy	68.0586, 0.3140, 0.3006
Android (android.graphics.Color)	4293578730 (0xFFEACFEA)
YUV	218.1510, 7.8136, 13.8996
Hunter-Lab	82.4976, 9.4518, -4.9629

Details

The Yxy color **68.0586, 0.3140, 0.3006** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.6485, 0.3113, 0.3591**, and the grayscale version is **70.1627, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.4618, 0.3143, 0.2950** is the 20% darker color. If you saturate the color by 10%, you get **57.5390, 0.3151, 0.2755**, and if you desaturate by 10%, it is **80.2649, 0.3129, 0.3253**.

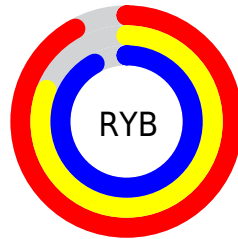
Distribution



Red (92%)

Green (81%)

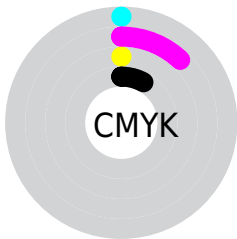
Blue (92%)



Red (92%)

Yellow (81%)

Blue (92%)

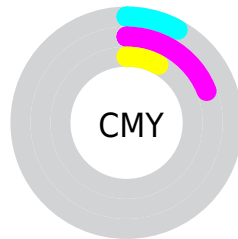


Cyan (0%)

Magenta (12%)

Yellow (0%)

Black (8%)



Cyan (8%)


Magenta (19%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.0586, 0.3140, 0.3006 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 68.0586, 0.3140, 0.3006 by changing the saturation by 10% instead.

 68.0586, 0.3140,
0.3006

 68.0586, 0.3140,
0.3006

453.7036, 0.3135,
0.3136

 49.9454, 0.3141,
0.2977


116.4360, 0.3139,
0.3051

 35.3700, 0.3142,
0.2940


147.4689, 0.3138,
0.3068

 23.9480, 0.3142,
0.2895


183.5773, 0.3137,
0.3084

 15.2951, 0.3143,
0.2836

225.1454, 0.3137,
0.3097

 9.0267, 0.3143,
0.2756

272.5577, 0.3136,
0.3108

 4.7586, 0.3142,
0.2642

326.1986, 0.3136,

 2.1063, 0.3137,

0.3119

0.2468

386.4524, 0.3136,
0.3128

0.6682, 0.3135,
0.2125

0.0000, 0.0000,
0.0000

68.0586, 0.3140,
0.3006

68.0586, 0.3140,
0.3006

57.5390, 0.3151,
0.2755

80.2649, 0.3129,
0.3253

48.6236, 0.3162,
0.2506

94.2182, 0.3118,
0.3489

41.2362, 0.3173,
0.2270

94.9789, 0.3118,
0.3501

35.2910, 0.3182,
0.2055

94.9885, 0.3118,
0.3501

30.6936, 0.3190,
0.1871

94.9981, 0.3119,
0.3501

27.3385, 0.3196,
0.1725

95.0076, 0.3119,
0.3501

25.1046, 0.3200,
0.1622

95.0172, 0.3119,
0.3501

23.8464, 0.3203,
0.1562

95.0268, 0.3120,
0.3501

23.3457, 0.3203,
0.1538

95.0364, 0.3120,
0.3501

Harmonies

Analogous

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



68.0586, 0.2934, 0.2939



68.0586, 0.3140, 0.3006



68.0586, 0.3349, 0.3142

Triad

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



68.0586, 0.3140, 0.3006



68.0586, 0.3477, 0.3621



68.0586, 0.2768, 0.3244

Complementary

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



68.0586, 0.3140, 0.3006



76.6485, 0.3113, 0.3591

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.



68.0586, 0.2905, 0.3442



68.0586, 0.3140, 0.3006



68.0586, 0.3313, 0.3664

Square

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



68.0586, 0.3140, 0.3006



68.0586, 0.3547, 0.3492



68.0586, 0.3103, 0.3599



68.0586, 0.2725, 0.3068

Rectangle

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



68.0586, 0.3140, 0.3006



68.0586, 0.3459, 0.3257



68.0586, 0.3103, 0.3599



68.0586, 0.2804, 0.3311

Sweetspot

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



68.0615, 0.3140, 0.3006



95.2123, 0.3130, 0.3217



64.0597, 0.2945, 0.2994



20.1124, 0.3131, 0.3197



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.



68.0615, 0.3140, 0.3006



79.2834, 0.3143, 0.2943



67.3491, 0.3233, 0.3141



15.3118, 0.3138, 0.3058



13.1152, 0.3203, 0.1538



1.0305, 0.3204, 0.1539

Inverse Universe

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



66.6387, 0.3334, 0.3290



77.2146, 0.3387, 0.3290



77.3048, 0.3033, 0.3443



15.0547, 0.3293, 0.3290



9.8308, 0.6398, 0.3298



0.7722, 0.6391, 0.3294

Previews

White Background



This preview shows how the Yxy color 68.0586, 0.3140, 0.3006 looks on a white background.

Color Contrast Check

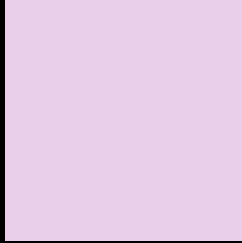
Large Text (above 18pt) WCAG AA × Fail

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 68.0586, 0.3140, 0.3006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

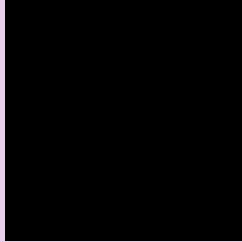
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.0586, 0.3140, 0.3006

Background



This preview shows how black text looks on a background with the Yxy color 68.0586, 0.3140, 0.3006.



This preview shows how white text looks on a background with the Yxy color 68.0586, 0.3140, 0.3006.

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

68.0586, 0.3140, 0.3006

Protanopia

68.2632, 0.2955, 0.3028

Deuteranopia

68.0354, 0.3096, 0.3024



Tritanopia

68.3608, 0.3195, 0.3120

Trichromacy



Original Color

68.0586, 0.3140, 0.3006

Protanomaly

67.9186, 0.3018, 0.3010

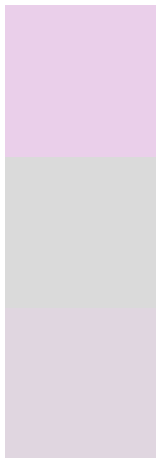
Deuteranomaly

67.8753, 0.3111, 0.3014

Tritanomaly

68.0368, 0.3174, 0.3078

Monochromacy



Original Color

68.0586, 0.3140, 0.3006

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.3222, 0.3132, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0586, 0.3140, 0.3006 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(234, 207, 234)` looks like.

```
.text, #text, p{  
    color:rgb(234, 207, 234)  
}
```

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(234, 207, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 207, 234) }
```

Border

The CSS property to change the border of an element to Yxy 68.0586, 0.3140, 0.3006 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(234, 207, 234) }
```

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

```
.border{ border-color:rgb(234, 207, 234) }
```

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

Here you see how a box with a 4 pixel rgb(234, 207, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 207, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 207, 234);  
box-shadow:4px 4px 4px 4px rgb(234, 207,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0586, 0.3140, 0.3006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 207, 234) }
```

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

```
.background{ background-color: rgb(234,  
207, 234) }
```

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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