

Converting Colors

Yxy(59.4562, 0.3374, 0.3063)

Have a look what the booklet for
Yxy(59.4562, 0.3374, 0.3063)
contains.

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Color

Yxy(59.3991, 0.3376, 0.3065)

Conversions

Conversions Part 1

Format	Color
Hex	EFBDD2
RGB	239, 189, 210
RGB Percent	94%, 74%, 82%
CMY	0.0627, 0.2588, 0.1766
CMYK	0.00, 0.21, 0.12, 0.06
HSL	335°, 61%, 84%
HSV	335°, 21%, 94%
XYZ	65.4262, 59.3991, 68.9727
YIQ	206.3440, 23.0590, 17.1310

Conversions

Conversions Part 2

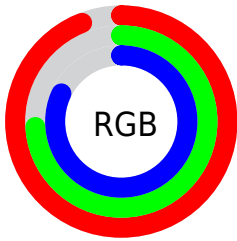
Format	Color
R _Y B	239, 189, 210
Decimal	15711698
CIE Lab	81.51, 21.17, -3.64
CIE LCh	82, 21.484, 350.235
Yxy	59.3991, 0.3376, 0.3065
Android (android.graphics.Color)	4293901778 (0xFFEFBDD2)
YUV	206.3440, 1.8024, 28.6393
Hunter-Lab	77.0708, 16.6566, 0.8894

Details

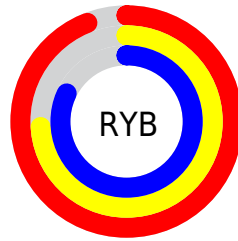
The Yxy color $59.3991, 0.3376, 0.3065$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $77.6211, 0.2932, 0.3527$, and the grayscale version is $61.9317, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7848, 0.3132, 0.3194$, and $29.7955, 0.3440, 0.2998$ is the 20% darker color. If you saturate the color by 10%, you get $49.2903, 0.3535, 0.2951$, and if you desaturate by 10%, it is $71.2675, 0.3244, 0.3176$.

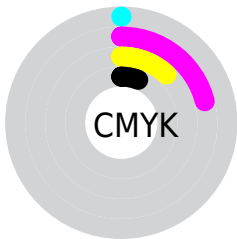
Distribution



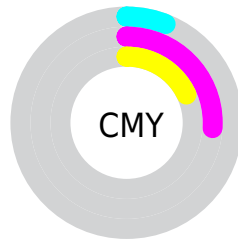
- Red (94%)
- Green (74%)
- Blue (82%)



- Red (94%)
- Yellow (74%)
- Blue (82%)



- Cyan (0%)
- Magenta (21%)
- Yellow (12%)
- Black (6%)





- Cyan (6%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.3991, 0.3376, 0.3065 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 59.3991, 0.3376, 0.3065 by changing the saturation by 10% instead.

 59.3991, 0.3376,
0.3065

 59.3991, 0.3376,
0.3065

422.3793, 0.3257,
0.3171

 42.9345, 0.3404,
0.3040


 103.9575, 0.3334,
0.3102

 29.8337, 0.3439,
0.3009


132.8200, 0.3318,
0.3117

 19.7124, 0.3484,
0.2969


166.5840, 0.3304,
0.3129

 12.1862, 0.3545,
0.2917

205.6339, 0.3292,
0.3140

 6.8706, 0.3630,
0.2843

250.3539, 0.3282,
0.3149

 3.3813, 0.3758,
0.2733

301.1286, 0.3273,

 1.3339, 0.3974,

0.3157

0.2554

358.3422, 0.3265,
0.3165

0.1672, 0.5280,
0.1307

0.0000, 0.0000,
0.0000

59.3991, 0.3376,
0.3065

59.3991, 0.3376,
0.3065

49.2903, 0.3535,
0.2951

71.2675, 0.3244,
0.3176

40.8487, 0.3726,
0.2839

84.9663, 0.3136,
0.3281

33.9855, 0.3951,
0.2735

96.8755, 0.3048,
0.3323

28.6003, 0.4209,
0.2650

97.0921, 0.3029,
0.3290

■ 24.5812, 0.4494,
0.2597

■ 21.7998, 0.4793,
0.2588

■ 20.1030, 0.5088,
0.2633

■ 19.2767, 0.5338,
0.2714

Harmonies

Analogous

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



59.3991, 0.3097, 0.2903



59.3991, 0.3376, 0.3065



59.3991, 0.3593, 0.3284

Triad

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



59.3991, 0.3376, 0.3065



59.3991, 0.3409, 0.3783



59.3991, 0.2605, 0.3028

Complementary

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



59.3991, 0.3376, 0.3065



77.6211, 0.2932, 0.3527

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.



59.3991, 0.2680, 0.3268



59.3991, 0.3376, 0.3065



59.3991, 0.3138, 0.3723

Square

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



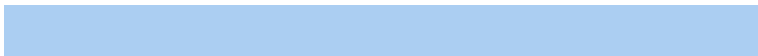
59.3991, 0.3376, 0.3065



59.3991, 0.3609, 0.3700



59.3991, 0.2873, 0.3529



59.3991, 0.2661, 0.2873

Rectangle

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



59.3991, 0.3376, 0.3065



59.3991, 0.3667, 0.3440



59.3991, 0.2873, 0.3529



59.3991, 0.2616, 0.3101

Sweetspot

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



59.4018, 0.3376, 0.3065



90.0647, 0.3189, 0.3228



57.4342, 0.2985, 0.2743



19.0563, 0.3196, 0.3221



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.



59.4018, 0.3376, 0.3065



63.6919, 0.3439, 0.3018



59.8750, 0.3541, 0.3328



15.8688, 0.3227, 0.3191



10.6768, 0.5298, 0.2692



0.9076, 0.4958, 0.2505

Inverse Universe

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



59.4018, 0.3376, 0.3065



63.6919, 0.3439, 0.3018



76.8556, 0.2813, 0.3252



15.8688, 0.3227, 0.3191



10.6768, 0.5298, 0.2692



0.9076, 0.4958, 0.2505

Previews

White Background



This preview shows how the Yxy color 59.3991, 0.3376, 0.3065 looks on a white background.

Color Contrast Check

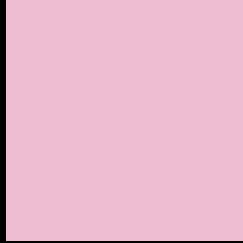
Large Text (above 18pt) WCAG AA × Fail

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 59.3991, 0.3376, 0.3065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

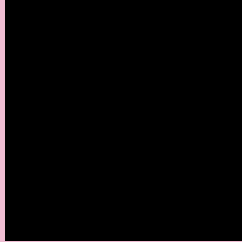
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.3991, 0.3376, 0.3065

Background



This preview shows how black text looks on a background with the Yxy color 59.3991, 0.3376, 0.3065.



This preview shows how white text looks on a background with the Yxy color 59.3991, 0.3376, 0.3065.

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

59.3991, 0.3376, 0.3065

Protanopia

59.8596, 0.3015, 0.3105

Deuteranopia

59.7516, 0.3220, 0.3155



Tritanopia

59.4118, 0.3406, 0.3128

Trichromacy



Original Color

59.3991, 0.3376, 0.3065

Protanomaly

59.2859, 0.3137, 0.3086

Deuteranomaly

59.5179, 0.3280, 0.3124

Tritanomaly

59.5090, 0.3390, 0.3107

Monochromacy



Original Color

59.3991, 0.3376, 0.3065

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.7190, 0.3217, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3991, 0.3376, 0.3065 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(239, 189, 210)` looks like.

```
.text, #text, p{  
    color:rgb(239, 189, 210)  
}
```

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(239, 189, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 189, 210) }
```

Border

The CSS property to change the border of an element to Yxy 59.3991, 0.3376, 0.3065 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(239, 189, 210) }
```

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

```
.border{ border-color:rgb(239, 189, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 189, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 189, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 189, 210);  
box-shadow:4px 4px 4px 4px rgb(239, 189,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3991, 0.3376, 0.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 189, 210) }
```

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

```
.background{ background-color: rgb(239,  
189, 210) }
```

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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