

Converting Colors

$Yxy(59.5842, 0.3236, 0.3007)$

Have a look what the booklet for
Yxy(59.5842, 0.3236, 0.3007)
contains.

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Color

Yxy(59.5842, 0.3236, 0.3007)

Conversions

Conversions Part 1

Format	Color
Hex	E6C0DA
RGB	230, 192, 218
RGB Percent	90%, 75%, 85%
CMY	0.0983, 0.2469, 0.1451
CMYK	0.00, 0.16, 0.05, 0.10
HSL	319°, 43%, 83%
HSV	319°, 16%, 90%
XYZ	64.1219, 59.5842, 74.4456
YIQ	206.3260, 14.3020, 16.1420

Conversions

Conversions Part 2

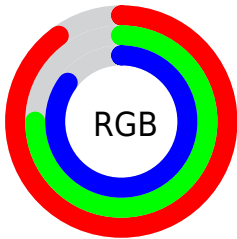
Format	Color
R _Y B	230, 192, 218
Decimal	15122650
CIE Lab	81.61, 17.78, -7.90
CIE LCh	82, 19.458, 336.054
Yxy	59.5842, 0.3236, 0.3007
Android (android.graphics.Color)	4293312730 (0xFFE6C0DA)
YUV	206.3260, 5.7553, 20.7621
Hunter-Lab	77.1908, 13.1948, -3.1478

Details

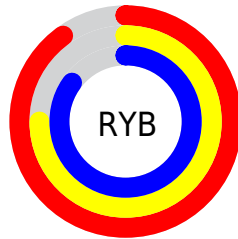
The Yxy color **59.5842, 0.3236, 0.3007** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.1282, 0.3033, 0.3591**, and the grayscale version is **61.8948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **29.8200, 0.3262, 0.2934** is the 20% darker color. If you saturate the color by 10%, you get **49.8927, 0.3318, 0.2828**, and if you desaturate by 10%, it is **70.8751, 0.3166, 0.3181**.

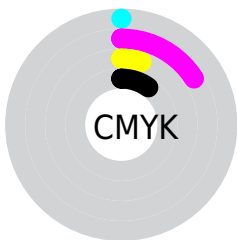
Distribution



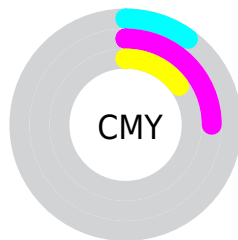
- Red (90%)
- Green (75%)
- Blue (85%)



- Red (90%)
- Yellow (75%)
- Blue (85%)



- Cyan (0%)
- Magenta (16%)
- Yellow (5%)
- Black (10%)





- Cyan (10%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5842, 0.3236, 0.3007 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 59.5842, 0.3236, 0.3007 by changing the saturation by 10% instead.


 59.5842, 0.3236,
0.3007

 59.5842, 0.3236,
0.3007


423.0634, 0.3185,
0.3140

 43.0836, 0.3248,
0.2976


 104.2263, 0.3218,
0.3053

 29.9507, 0.3262,
0.2938


133.1365, 0.3212,
0.3071

 19.8012, 0.3280,
0.2890


166.9520, 0.3206,
0.3087

 12.2506, 0.3305,
0.2825

206.0573, 0.3201,
0.3100

 6.9146, 0.3338,
0.2737

250.8367, 0.3196,
0.3112

 3.4087, 0.3386,
0.2607

301.6746, 0.3192,

 1.3487, 0.3462,

0.3122

0.2399

358.9554, 0.3189,
0.3131

0.1784, 0.3950,
0.1167

0.0000, 0.0000,
0.0000

59.5842, 0.3236,
0.3007

59.5842, 0.3236,
0.3007

49.8927, 0.3318,
0.2828

70.8751, 0.3166,
0.3181

41.7194, 0.3412,
0.2649

83.8259, 0.3108,
0.3347

34.9880, 0.3520,
0.2478

94.6080, 0.3060,
0.3444

29.6122, 0.3639,
0.2324

95.0467, 0.3019,
0.3370

■ 25.4968, 0.3769,
0.2199

■ 95.5027, 0.2980,
0.3297

■ 22.5337, 0.3904,
0.2113

■ 95.5528, 0.2975,
0.3290

■ 20.5968, 0.4041,
0.2075

■ 19.5273, 0.4174,
0.2087

■ 19.2637, 0.4220,
0.2099

Harmonies

Analogous

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



59.5842, 0.2983, 0.2895



59.5842, 0.3236, 0.3007



59.5842, 0.3467, 0.3188

Triad

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



59.5842, 0.3236, 0.3007



59.5842, 0.3480, 0.3716



59.5842, 0.2671, 0.3150

Complementary

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



59.5842, 0.3236, 0.3007



72.1282, 0.3033, 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.



59.5842, 0.2793, 0.3385



59.5842, 0.3236, 0.3007



59.5842, 0.3257, 0.3723

Square

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



59.5842, 0.3236, 0.3007



59.5842, 0.3610, 0.3592



59.5842, 0.3006, 0.3600



59.5842, 0.2665, 0.2968

Rectangle

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



59.5842, 0.3236, 0.3007



59.5842, 0.3574, 0.3328



59.5842, 0.3006, 0.3600



59.5842, 0.2699, 0.3226

Sweetspot

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



59.5868, 0.3236, 0.3007



91.8771, 0.3157, 0.3206



56.1752, 0.2943, 0.2857



19.4304, 0.3162, 0.3194



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.



59.5868, 0.3236, 0.3007



70.6736, 0.3264, 0.2942



58.6772, 0.3380, 0.3206



14.5339, 0.3186, 0.3130



10.9357, 0.4200, 0.2088



0.8247, 0.4020, 0.1988

Inverse Universe

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



59.5868, 0.3236, 0.3007



70.6736, 0.3264, 0.2942



73.0629, 0.2923, 0.3376



14.5339, 0.3186, 0.3130



10.9357, 0.4200, 0.2088



0.8247, 0.4020, 0.1988

Previews

White Background



This preview shows how the Yxy color 59.5842, 0.3236, 0.3007 looks on a white background.

Color Contrast Check

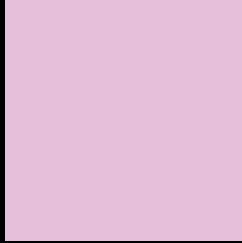
Large Text (above 18pt) WCAG AA × Fail

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 59.5842, 0.3236, 0.3007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

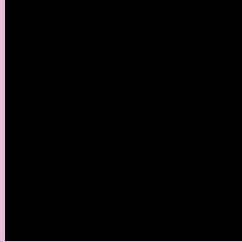
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.5842, 0.3236, 0.3007

Background



This preview shows how black text looks on a background with the Yxy color 59.5842, 0.3236, 0.3007.



This preview shows how white text looks on a background with the Yxy color 59.5842, 0.3236, 0.3007.

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

59.5842, 0.3236, 0.3007

Protanopia

60.0404, 0.2967, 0.3037

Deuteranopia

59.5412, 0.3130, 0.3065



Tritanopia

59.8450, 0.3296, 0.3125

Trichromacy



Original Color

59.5842, 0.3236, 0.3007

Protanomaly

59.6591, 0.3063, 0.3019

Deuteranomaly

59.4121, 0.3170, 0.3045

Tritanomaly

59.5514, 0.3274, 0.3081

Monochromacy



Original Color

59.5842, 0.3236, 0.3007

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.8735, 0.3171, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5842, 0.3236, 0.3007 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(230, 192, 218)` looks like.

```
.text, #text, p{  
    color:rgb(230, 192, 218)  
}
```

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(230, 192, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 192, 218) }
```

Border

The CSS property to change the border of an element to Yxy 59.5842, 0.3236, 0.3007 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(230, 192, 218) }
```

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

```
.border{ border-color:rgb(230, 192, 218) }
```

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

Here you see how a box with a 4 pixel rgb(230, 192, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 192, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 192, 218);  
box-shadow:4px 4px 4px 4px rgb(230, 192,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5842, 0.3236, 0.3007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 192, 218) }
```

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

```
.background{ background-color: rgb(230,  
192, 218) }
```

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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