

Converting Colors

Yxy(59.4776, 0.3297, 0.2948)

Have a look what the booklet for
Yxy(59.4776, 0.3297, 0.2948)
contains.

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Color

Yxy(59.4845, 0.3297, 0.2950)

Conversions

Conversions Part 1

Format	Color
Hex	EFBCDC
RGB	239, 188, 220
RGB Percent	94%, 74%, 86%
CMY	0.0630, 0.2626, 0.1373
CMYK	0.00, 0.21, 0.08, 0.06
HSL	322°, 61%, 84%
HSV	322°, 21%, 94%
XYZ	66.4815, 59.4845, 75.6764
YIQ	206.8970, 20.1240, 20.7640

Conversions

Conversions Part 2

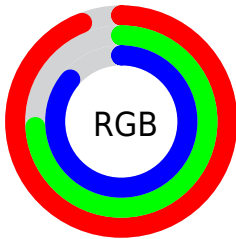
Format	Color
R _Y B	239, 188, 220
Decimal	15711452
CIE Lab	81.56, 23.33, -8.96
CIE LCh	82, 24.993, 338.999
Yxy	59.4845, 0.3297, 0.2950
Android (android.graphics.Color)	4293901532 (0xFFEFBCDC)
YUV	206.8970, 6.4598, 28.1543
Hunter-Lab	77.1262, 18.8932, -4.1871

Details

The Yxy color **59.4845, 0.3297, 0.2950** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.8988, 0.2989, 0.3656**, and the grayscale version is **62.2739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **29.8341, 0.3344, 0.2863** is the 20% darker color. If you saturate the color by 10%, you get **49.6484, 0.3400, 0.2784**, and if you desaturate by 10%, it is **71.0412, 0.3209, 0.3114**.

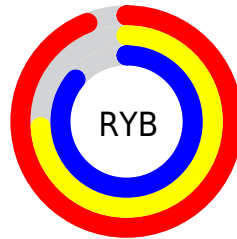
Distribution



Red (94%)

Green (74%)

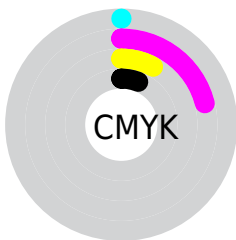
Blue (86%)



Red (94%)

Yellow (74%)

Blue (86%)

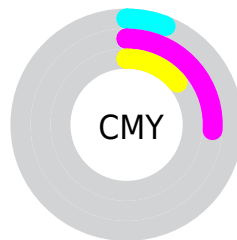


Cyan (0%)

Magenta (21%)

Yellow (8%)

Black (6%)



Cyan (6%)


Magenta (26%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.4845, 0.3297, 0.2950 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 59.4845, 0.3297, 0.2950 by changing the saturation by 10% instead.

 59.4845, 0.3297,
0.2950

 59.4845, 0.3297,
0.2950


422.6950, 0.3218,
0.3108

 43.0033, 0.3315,
0.2914


 104.0815, 0.3269,
0.3005

 29.8877, 0.3338,
0.2868


132.9661, 0.3259,
0.3027

 19.7533, 0.3367,
0.2811


166.7539, 0.3249,
0.3045

 12.2159, 0.3405,
0.2735

205.8293, 0.3241,
0.3061

 6.8909, 0.3457,
0.2632

250.5767, 0.3234,
0.3075

 3.3939, 0.3533,
0.2482


301.3805, 0.3228,

 1.3407, 0.3653,


0.3087

0.2244


358.6252, 0.3223,
0.3099

 0.1724, 0.4265,
0.1002

 0.0000, 0.0000,
0.0000


 59.4845, 0.3297,
0.2950

 59.4845, 0.3297,
0.2950


 49.6484, 0.3400,
0.2784


 71.0412, 0.3209,
0.3114


 41.4413, 0.3520,
0.2620

 84.3881, 0.3136,
0.3270

 34.7754, 0.3656,
0.2468

 96.5561, 0.3076,
0.3372

 29.5513, 0.3808,
0.2338

 97.0806, 0.3029,
0.3290

■ 25.6578, 0.3971,
0.2241

■ 22.9673, 0.4140,
0.2189

■ 21.3270, 0.4309,
0.2189

■ 20.5416, 0.4452,
0.2226

Harmonies

Analogous

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



59.4845, 0.2970, 0.2799



59.4845, 0.3297, 0.2950



59.4845, 0.3589, 0.3182

Triad

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



59.4845, 0.3297, 0.2950



59.4845, 0.3554, 0.3845



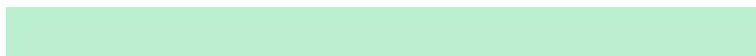
59.4845, 0.2539, 0.3078

Complementary

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



59.4845, 0.3297, 0.2950



76.8988, 0.2989, 0.3656

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.



59.4845, 0.2679, 0.3379



59.4845, 0.3297, 0.2950



59.4845, 0.3259, 0.3844

Square

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



59.4845, 0.3297, 0.2950



59.4845, 0.3739, 0.3693



59.4845, 0.2939, 0.3670



59.4845, 0.2547, 0.2858

Rectangle

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



59.4845, 0.3297, 0.2950



59.4845, 0.3717, 0.3360



59.4845, 0.2939, 0.3670



59.4845, 0.2570, 0.3173

Sweetspot

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



59.4871, 0.3297, 0.2950



90.2622, 0.3169, 0.3197



55.4307, 0.2905, 0.2719



19.1029, 0.3174, 0.3187



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.



59.4871, 0.3297, 0.2950



63.2570, 0.3344, 0.2870



58.2526, 0.3501, 0.3217



15.9258, 0.3195, 0.3143



11.3842, 0.4427, 0.2213



0.9662, 0.4224, 0.2101

Inverse Universe

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



59.4871, 0.3297, 0.2950



63.2570, 0.3344, 0.2870



78.2293, 0.2847, 0.3365



15.9258, 0.3195, 0.3143



11.3842, 0.4427, 0.2213



0.9662, 0.4224, 0.2101

Previews

White Background



This preview shows how the Yxy color 59.4845, 0.3297, 0.2950 looks on a white background.

Color Contrast Check

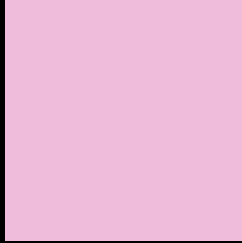
Large Text (above 18pt) WCAG AA × Fail

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 59.4845, 0.3297, 0.2950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

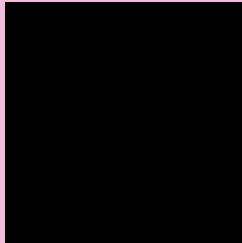
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4845, 0.3297, 0.2950

Background



This preview shows how black text looks on a background with the Yxy color 59.4845, 0.3297, 0.2950.



This preview shows how white text looks on a background with the Yxy color 59.4845, 0.3297, 0.2950.

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

59.4845, 0.3297, 0.2950

Protanopia

59.5168, 0.2926, 0.2979

Deuteranopia

59.5934, 0.3123, 0.3054



Tritanopia

59.6739, 0.3397, 0.3139

Trichromacy



Original Color

59.4845, 0.3297, 0.2950

Protanomaly

59.2122, 0.3057, 0.2965

Deuteranomaly

59.5453, 0.3180, 0.3014

Tritanomaly

59.6572, 0.3366, 0.3075

Monochromacy



Original Color

59.4845, 0.3297, 0.2950

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.1221, 0.3188, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4845, 0.3297, 0.2950 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, 188, 220)` looks like.

```
.text, #text, p{  
    color:rgb(239, 188, 220)  
}
```

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, 188, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 188, 220) }
```

Border

The CSS property to change the border of an element to Yxy 59.4845, 0.3297, 0.2950 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, 188, 220) }
```

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

```
.border{ border-color:rgb(239, 188, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 188, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 188, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 188, 220);  
box-shadow:4px 4px 4px 4px rgb(239, 188,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4845, 0.3297, 0.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 188, 220) }
```

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

```
.background{ background-color: rgb(239,  
188, 220) }
```

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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