

Converting Colors

$Yxy(59.3577, 0.3322, 0.2976)$

Have a look what the booklet for
Yxy(59.3577, 0.3322, 0.2976)
contains.

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Color

Yxy(59.3269, 0.3321, 0.2981)

Conversions

Conversions Part 1

Format	Color
Hex	EFBCD9
RGB	239, 188, 217
RGB Percent	94%, 74%, 85%
CMY	0.0629, 0.2627, 0.1491
CMYK	0.00, 0.21, 0.09, 0.06
HSL	326°, 61%, 84%
HSV	326°, 21%, 94%
XYZ	66.0935, 59.3269, 73.5964
YIQ	206.5550, 21.0870, 19.8310

Conversions

Conversions Part 2

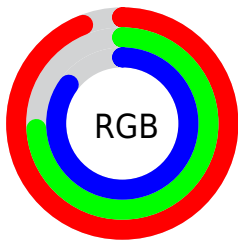
Format	Color
R _Y B	239, 188, 217
Decimal	15711449
CIE Lab	81.47, 22.84, -7.47
CIE LCh	81, 24.029, 341.894
Yxy	59.3269, 0.3321, 0.2981
Android (android.graphics.Color)	4293901529 (0xFFEFBCD9)
YUV	206.5550, 5.1494, 28.4543
Hunter-Lab	77.0240, 18.3771, -2.7348

Details

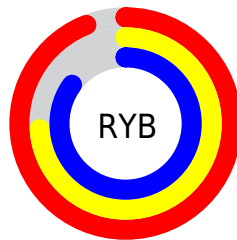
The Yxy color **59.3269, 0.3321, 0.2981** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.0626, 0.2971, 0.3621**, and the grayscale version is **62.0516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **29.7261, 0.3377, 0.2903** is the 20% darker color. If you saturate the color by 10%, you get **49.4293, 0.3440, 0.2829**, and if you desaturate by 10%, it is **70.9538, 0.3221, 0.3130**.

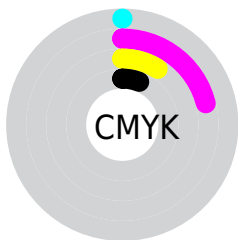
Distribution



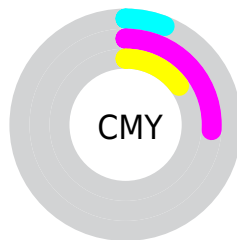
- Red (94%)
- Green (74%)
- Blue (85%)



- Red (94%)
- Yellow (74%)
- Blue (85%)



- Cyan (0%)
- Magenta (21%)
- Yellow (9%)
- Black (6%)




- Cyan (6%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.3269, 0.3321, 0.2981 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 59.3269, 0.3321, 0.2981 by changing the saturation by 10% instead.


 59.3269, 0.3321,
0.2981

 59.3269, 0.3321,
0.2981

422.1123, 0.3230,
0.3126

 42.8763, 0.3342,
0.2948


 103.8526, 0.3289,
0.3031

 29.7881, 0.3369,
0.2906


132.6966, 0.3277,
0.3051

 19.6778, 0.3402,
0.2853


166.4404, 0.3266,
0.3068

 12.1611, 0.3447,
0.2784

205.4686, 0.3257,
0.3082

 6.8535, 0.3509,
0.2688

250.1655, 0.3249,
0.3095

 3.3706, 0.3601,
0.2548


300.9155, 0.3242,

 1.3282, 0.3750,


0.3106


0.2324


358.1029, 0.3236,
0.3117


 0.1628, 0.4524,
0.1034


 0.0000, 0.0000,
0.0000

 59.3269, 0.3321,
0.2981


 59.3269, 0.3321,
0.2981

 49.4293, 0.3440,
0.2829


 70.9538, 0.3221,
0.3130


 41.1694, 0.3580,
0.2679

 84.3800, 0.3137,
0.3272

 34.4590, 0.3740,
0.2540

 96.6378, 0.3069,
0.3359

 29.1983, 0.3921,
0.2423

 97.0853, 0.3029,
0.3290

■ 25.2760, 0.4117,
0.2338

■ 22.5641, 0.4323,
0.2299

■ 20.9094, 0.4528,
0.2312

■ 20.1175, 0.4701,
0.2363

Harmonies

Analogous

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



59.3269, 0.3006, 0.2826



59.3269, 0.3321, 0.2981



59.3269, 0.3593, 0.3211

Triad

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



59.3269, 0.3321, 0.2981



59.3269, 0.3514, 0.3831



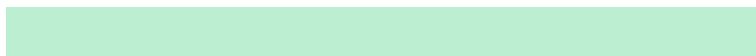
59.3269, 0.2554, 0.3062

Complementary

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



59.3269, 0.3321, 0.2981



77.0626, 0.2971, 0.3621

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.



59.3269, 0.2677, 0.3347



59.3269, 0.3321, 0.2981



59.3269, 0.3225, 0.3813

Square

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



59.3269, 0.3321, 0.2981



59.3269, 0.3705, 0.3697



59.3269, 0.2919, 0.3631



59.3269, 0.2576, 0.2860

Rectangle

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



59.3269, 0.3321, 0.2981



59.3269, 0.3707, 0.3383



59.3269, 0.2919, 0.3631



59.3269, 0.2580, 0.3151

Sweetspot

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



59.3295, 0.3321, 0.2981



90.2056, 0.3175, 0.3206



55.7977, 0.2924, 0.2722



19.0896, 0.3180, 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.



59.3295, 0.3321, 0.2981



63.0381, 0.3375, 0.2909



58.1387, 0.3523, 0.3245



15.9094, 0.3204, 0.3157



11.1475, 0.4670, 0.2347



0.9473, 0.4425, 0.2211

Inverse Universe

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



59.3295, 0.3321, 0.2981



63.0381, 0.3375, 0.2909



78.3909, 0.2833, 0.3336



15.9094, 0.3204, 0.3157



11.1475, 0.4670, 0.2347



0.9473, 0.4425, 0.2211

Previews

White Background



This preview shows how the Yxy color 59.3269, 0.3321, 0.2981 looks on a white background.

Color Contrast Check

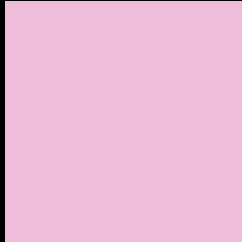
Large Text (above 18pt) WCAG AA × Fail

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 59.3269, 0.3321, 0.2981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

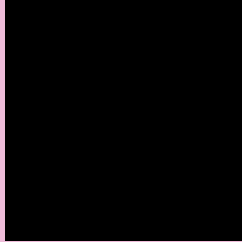
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.3269, 0.3321, 0.2981

Background



This preview shows how black text looks on a background with the Yxy color 59.3269, 0.3321, 0.2981.



This preview shows how white text looks on a background with the Yxy color 59.3269, 0.3321, 0.2981.

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

59.3269, 0.3321, 0.2981

Protanopia

59.4889, 0.2953, 0.3013

Deuteranopia

59.5905, 0.3152, 0.3087



Tritanopia

59.2392, 0.3398, 0.3128

Trichromacy



Original Color

59.3269, 0.3321, 0.2981

Protanomaly

59.0499, 0.3079, 0.2997

Deuteranomaly

59.5490, 0.3210, 0.3047

Tritanomaly

59.1758, 0.3376, 0.3075

Monochromacy



Original Color

59.3269, 0.3321, 0.2981

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.0718, 0.3195, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3269, 0.3321, 0.2981 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(239, 188, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 188, 217) }
```

Border

The CSS property to change the border of an element to Yxy 59.3269, 0.3321, 0.2981 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, 217) }
```

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

```
.border{ border-color:rgb(239, 188, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 188, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 188, 217);  
box-shadow:4px 4px 4px 4px rgb(239, 188,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3269, 0.3321, 0.2981 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, 217) }
```

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

```
.background{ background-color: rgb(239,  
188, 217) }
```

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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