

Converting Colors

$Y_{xy}(65.5018, 0.3098, 0.2893)$

Have a look what the booklet for
Yxy(65.5018, 0.3098, 0.2893)
contains.

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Color

Yxy(65.3289, 0.3101, 0.2891)

Conversions

Conversions Part 1

Format	Color
Hex	E9C9EF
RGB	233, 201, 239
RGB Percent	91%, 79%, 94%
CMY	0.0862, 0.2118, 0.0628
CMYK	0.02, 0.16, 0.00, 0.06
HSL	291°, 54%, 86%
HSV	291°, 16%, 94%
XYZ	70.0743, 65.3289, 90.5701
YIQ	214.9000, 6.8740, 18.6020

Conversions

Conversions Part 2

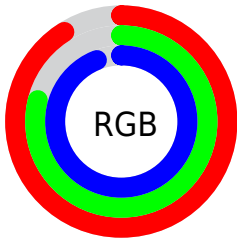
Format	Color
R _Y B	233, 201, 239
Decimal	15321583
CIE Lab	84.65, 17.84, -14.55
CIE LCh	85, 23.026, 320.801
Yxy	65.3289, 0.3101, 0.2891
Android (android.graphics.Color)	4293511663 (0xFFE9C9EF)
YUV	214.9000, 11.8813, 15.8737
Hunter-Lab	80.8263, 13.3089, -9.8592

Details

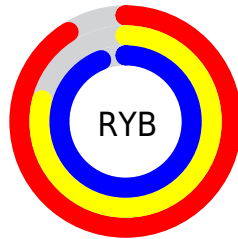
The Yxy color $65.3289, 0.3101, 0.2891$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $79.2061, 0.3147, 0.3713$, and the grayscale version is $67.8013, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.6334, 0.3091, 0.2801$ is the 20% darker color. If you saturate the color by 10%, you get $54.4171, 0.3079, 0.2630$, and if you desaturate by 10%, it is $77.9933, 0.3119, 0.3145$.

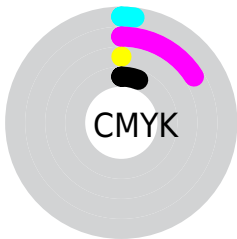
Distribution



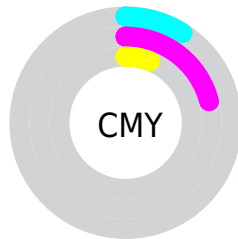
- Red (91%)
- Green (79%)
- Blue (94%)



- Red (91%)
- Yellow (79%)
- Blue (94%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (6%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.3289, 0.3101, 0.2891 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 65.3289, 0.3101, 0.2891 by changing the saturation by 10% instead.


 65.3289, 0.3101,
0.2891

 65.3289, 0.3101,
0.2891


443.9729, 0.3116,
0.3073

 47.7278, 0.3097,
0.2850


112.5226, 0.3107,
0.2954

 33.6114, 0.3092,
0.2799


142.8840, 0.3109,
0.2978

 22.5952, 0.3085,
0.2736


178.2676, 0.3110,
0.3000

 14.2949, 0.3075,
0.2654

219.0578, 0.3112,
0.3018

 8.3261, 0.3060,
0.2543

265.6391, 0.3113,
0.3034

 4.3043, 0.3035,
0.2387

318.3958, 0.3114,

 1.8452, 0.2990,

0.3049

0.2151

377.7123, 0.3115,
0.3062

0.5151, 0.2936,
0.1630

0.0000, 0.0000,
0.0000

65.3289, 0.3101,
0.2891

65.3289, 0.3101,
0.2891

54.4171, 0.3079,
0.2630

77.9933, 0.3119,
0.3145

45.1694, 0.3053,
0.2369

92.4766, 0.3132,
0.3388

37.5023, 0.3022,
0.2118

97.0362, 0.3153,
0.3447

31.3219, 0.2987,
0.1887

97.7161, 0.3176,
0.3446

■ 26.5240, 0.2949,
0.1687

■ 98.4097, 0.3200,
0.3445

■ 22.9909, 0.2908,
0.1527

■ 99.0115, 0.3220,
0.3444

■ 20.5852, 0.2867,
0.1412

■ 19.1371, 0.2825,
0.1341

■ 18.7090, 0.2808,
0.1321

Harmonies

Analogous

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



65.3289, 0.2830, 0.2816



65.3289, 0.3101, 0.2891



65.3289, 0.3391, 0.3061

Triad

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



65.3289, 0.3101, 0.2891



65.3289, 0.3625, 0.3718



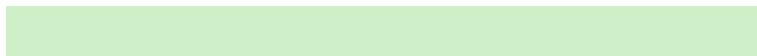
65.3289, 0.2661, 0.3262

Complementary

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



65.3289, 0.3101, 0.2891



79.2061, 0.3147, 0.3713

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.



65.3289, 0.2858, 0.3534



65.3289, 0.3101, 0.2891



65.3289, 0.3414, 0.3803

Square

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



65.3289, 0.3101, 0.2891



65.3289, 0.3701, 0.3527



65.3289, 0.3132, 0.3738



65.3289, 0.2586, 0.3013

Rectangle

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



65.3289, 0.3101, 0.2891



65.3289, 0.3552, 0.3209



65.3289, 0.3132, 0.3738



65.3289, 0.2715, 0.3354

Sweetspot

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



65.3317, 0.3101, 0.2891



91.7551, 0.3120, 0.3167



63.4354, 0.2871, 0.2935



19.4006, 0.3119, 0.3150



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.



65.3317, 0.3101, 0.2891



71.4723, 0.3095, 0.2809



65.6313, 0.3237, 0.3024



15.8983, 0.3113, 0.3056



10.3874, 0.2815, 0.1324



0.8976, 0.2870, 0.1355

Inverse Universe

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



64.6259, 0.3382, 0.3227



70.5313, 0.3444, 0.3213



78.9833, 0.3032, 0.3572



15.7993, 0.3269, 0.3253



10.2290, 0.6178, 0.3177



0.8630, 0.5853, 0.2998

Previews

White Background



This preview shows how the Yxy color 65.3289, 0.3101, 0.2891 looks on a white background.

Color Contrast Check

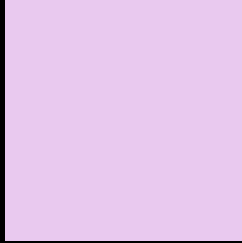
Large Text (above 18pt) WCAG AA × Fail

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 65.3289, 0.3101, 0.2891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

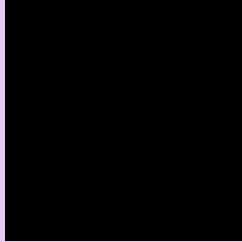
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.3289, 0.3101, 0.2891

Background



This preview shows how black text looks on a background with the Yxy color 65.3289, 0.3101, 0.2891.



This preview shows how white text looks on a background with the Yxy color 65.3289, 0.3101, 0.2891.

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

65.3289, 0.3101, 0.2891

Protanopia

65.6649, 0.2863, 0.2905

Deuteranopia

65.5313, 0.3011, 0.2944



Tritanopia

65.1760, 0.3212, 0.3117

Trichromacy



Original Color

65.3289, 0.3101, 0.2891

Protanomaly

65.5438, 0.2943, 0.2900

Deuteranomaly

65.3663, 0.3048, 0.2926

Tritanomaly

65.2468, 0.3170, 0.3033

Monochromacy



Original Color

65.3289, 0.3101, 0.2891

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.0046, 0.3120, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3289, 0.3101, 0.2891 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(233, 201, 239)` looks like.

```
.text, #text, p{  
    color:rgb(233, 201, 239)  
}
```

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(233, 201, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 201, 239) }
```

Border

The CSS property to change the border of an element to Yxy 65.3289, 0.3101, 0.2891 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(233, 201, 239) }
```

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

```
.border{ border-color:rgb(233, 201, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 201, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 201, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 201, 239);  
box-shadow:4px 4px 4px 4px rgb(233, 201,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3289, 0.3101, 0.2891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 201, 239) }
```

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

```
.background{ background-color: rgb(233,  
201, 239) }
```

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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