

Converting Colors

Yxy(68.2723, 0.3135, 0.2929)

Have a look what the booklet for
Yxy(68.2723, 0.3135, 0.2929)
contains.

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Color

Yxy(68.3046, 0.3137, 0.2929)

Conversions

Conversions Part 1

Format	Color
Hex	EFCDF0
RGB	239, 205, 240
RGB Percent	94%, 80%, 94%
CMY	0.0627, 0.1961, 0.0589
CMYK	0.00, 0.15, 0.00, 0.06
HSL	298°, 54%, 87%
HSV	298°, 15%, 94%
XYZ	73.1552, 68.3046, 91.7413
YIQ	219.1560, 9.0290, 18.0930

Conversions

Conversions Part 2

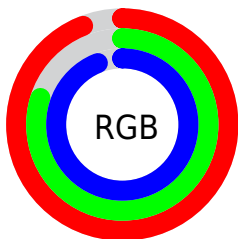
Format	Color
R _Y B	239, 205, 240
Decimal	15715824
CIE Lab	86.16, 17.88, -12.76
CIE LCh	86, 21.968, 324.477
Yxy	68.3046, 0.3137, 0.2929
Android (android.graphics.Color)	4293905904 (0xFFEFCDF0)
YUV	219.1560, 10.2761, 17.4032
Hunter-Lab	82.6466, 13.3689, -7.9619

Details

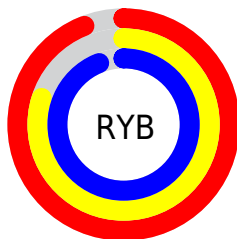
The Yxy color **68.3046, 0.3137, 0.2929** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.8261, 0.3115, 0.3678**, and the grayscale version is **70.8767, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.6612, 0.3138, 0.2851** is the 20% darker color. If you saturate the color by 10%, you get **57.5796, 0.3143, 0.2676**, and if you desaturate by 10%, it is **80.7966, 0.3130, 0.3179**.

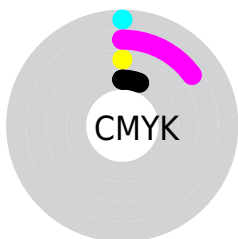
Distribution



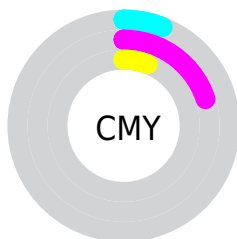
- Red (94%)
- Green (80%)
- Blue (94%)



- Red (94%)
- Yellow (80%)
- Blue (94%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)




- Cyan (6%)
- Magenta (20%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.3046, 0.3137, 0.2929 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 68.3046, 0.3137, 0.2929 by changing the saturation by 10% instead.


 68.3046, 0.3137,
0.2929

 68.3046, 0.3137,
0.2929

454.5745, 0.3134,
0.3093

 50.1456, 0.3137,
0.2892


116.7878, 0.3136,
0.2985

 35.5291, 0.3137,
0.2847


147.8807, 0.3136,
0.3007

 24.0707, 0.3137,
0.2791


184.0538, 0.3136,
0.3027

 15.3861, 0.3135,
0.2718

225.6914, 0.3136,
0.3043

 9.0908, 0.3133,
0.2620

273.1778, 0.3135,
0.3058

 4.8005, 0.3126,
0.2482

326.8976, 0.3135,

 2.1307, 0.3112,

0.3071

0.2275

387.2350, 0.3135,
0.3083

0.6818, 0.3086,
0.1898

0.0000, 0.0699,
0.0000

68.3046, 0.3137,
0.2929

68.3046, 0.3137,
0.2929

57.5796, 0.3143,
0.2676

80.7966, 0.3130,
0.3179

48.5327, 0.3148,
0.2427

95.1215, 0.3123,
0.3419

41.0808, 0.3152,
0.2193

96.5069, 0.3126,
0.3438

35.1301, 0.3154,
0.1981

96.6225, 0.3131,
0.3438

30.5770, 0.3154,
0.1803

96.7385, 0.3135,
0.3438

27.3049, 0.3152,
0.1665

96.8550, 0.3139,
0.3438

25.1782, 0.3149,
0.1571

96.9719, 0.3143,
0.3438

24.0309, 0.3143,
0.1519

97.0891, 0.3147,
0.3438

23.6822, 0.3140,
0.1503

97.2069, 0.3151,
0.3437

Harmonies

Analogous

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



68.3046, 0.2876, 0.2846



68.3046, 0.3137, 0.2929



68.3046, 0.3406, 0.3098

Triad

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



68.3046, 0.3137, 0.2929



68.3046, 0.3577, 0.3709



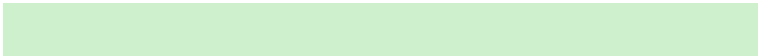
68.3046, 0.2673, 0.3233

Complementary

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



68.3046, 0.3137, 0.2929



79.8261, 0.3115, 0.3678

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.



68.3046, 0.2847, 0.3489



68.3046, 0.3137, 0.2929



68.3046, 0.3367, 0.3772

Square

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



68.3046, 0.3137, 0.2929



68.3046, 0.3665, 0.3539



68.3046, 0.3099, 0.3693



68.3046, 0.2617, 0.3007

Rectangle

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



68.3046, 0.3137, 0.2929



68.3046, 0.3549, 0.3241



68.3046, 0.3099, 0.3693



68.3046, 0.2719, 0.3319

Sweetspot

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



68.3076, 0.3137, 0.2929



93.6110, 0.3130, 0.3192



63.4941, 0.2892, 0.2914



19.7876, 0.3130, 0.3174



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.



68.3076, 0.3137, 0.2929



75.1681, 0.3139, 0.2866



67.5479, 0.3260, 0.3095



16.0081, 0.3134, 0.3057



12.9779, 0.3141, 0.1504



1.0865, 0.3151, 0.1509

Inverse Universe

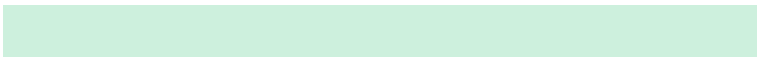
The Inverse Universe completely reimagines the original color for something new.



66.6392, 0.3392, 0.3281



72.9679, 0.3446, 0.3279



80.5194, 0.3012, 0.3494



15.7658, 0.3289, 0.3284



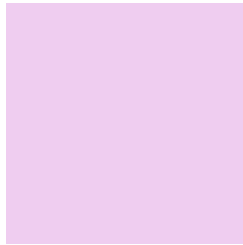
10.1520, 0.6372, 0.3284



0.8470, 0.6296, 0.3242

Previews

White Background



This preview shows how the Yxy color 68.3046, 0.3137, 0.2929 looks on a white background.

Color Contrast Check

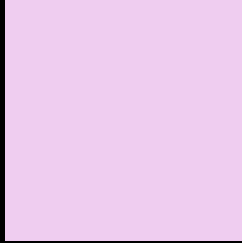
Large Text (above 18pt) WCAG AA × Fail

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 68.3046, 0.3137, 0.2929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

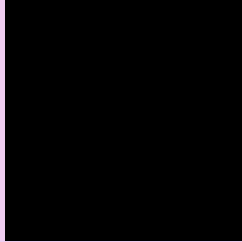
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.3046, 0.3137, 0.2929

Background



This preview shows how black text looks on a background with the Yxy color 68.3046, 0.3137, 0.2929.



This preview shows how white text looks on a background with the Yxy color 68.3046, 0.3137, 0.2929.

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

68.3046, 0.3137, 0.2929

Protanopia

68.5958, 0.2899, 0.2944

Deuteranopia

68.4939, 0.3047, 0.2982



Tritanopia

68.4981, 0.3233, 0.3122

Trichromacy



Original Color

68.3046, 0.3137, 0.2929

Protanomaly

68.4923, 0.2979, 0.2939

Deuteranomaly

68.3327, 0.3084, 0.2964

Tritanomaly

68.5160, 0.3198, 0.3050

Monochromacy



Original Color

68.3046, 0.3137, 0.2929

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.8079, 0.3126, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.3046, 0.3137, 0.2929 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, 205, 240)` looks like.

```
.text, #text, p{  
    color:rgb(239, 205, 240)  
}
```

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, 205, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 205, 240) }
```

Border

The CSS property to change the border of an element to Yxy 68.3046, 0.3137, 0.2929 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, 205, 240) }
```

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

```
.border{ border-color:rgb(239, 205, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 205, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 205, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 205, 240);  
box-shadow:4px 4px 4px 4px rgb(239, 205,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 68.3046, 0.3137, 0.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 205, 240) }
```

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

```
.background{ background-color: rgb(239,  
205, 240) }
```

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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