

Converting Colors

Yxy(68.2644, 0.3085, 0.2942)

Have a look what the booklet for
Yxy(68.2644, 0.3085, 0.2942)
contains.

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Color

Yxy(68.0727, 0.3085, 0.2944)

Conversions

Conversions Part 1

Format	Color
Hex	E8CFF0
RGB	232, 207, 240
RGB Percent	91%, 81%, 94%
CMY	0.0900, 0.1883, 0.0588
CMYK	0.03, 0.14, 0.00, 0.06
HSL	286°, 52%, 88%
HSV	286°, 14%, 94%
XYZ	71.3330, 68.0727, 91.8195
YIQ	218.2370, 4.3070, 15.5630

Conversions

Conversions Part 2

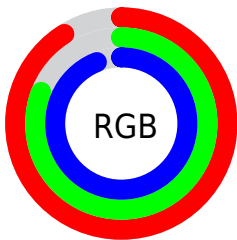
Format	Color
R_{YB}	232, 207, 240
Decimal	15257584
CIE _{Lab}	86.04, 14.54, -13.02
CIE _{LCh}	86, 19.517, 318.166
Yxy	68.0727, 0.3085, 0.2944
Android (android.graphics.Color)	4293447664 (0xFFE8CFF0)
YUV	218.2370, 10.7292, 12.0702
Hunter-Lab	82.5062, 9.9412, -8.2284

Details

The Yxy color $68.0727, 0.3085, 0.2944$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $81.2637, 0.3163, 0.3649$, and the grayscale version is $70.2110, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.4733, 0.3070, 0.2870$ is the 20% darker color. If you saturate the color by 10%, you get $56.3664, 0.3047, 0.2679$, and if you desaturate by 10%, it is $81.5841, 0.3117, 0.3198$.

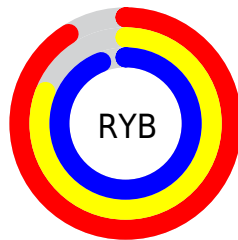
Distribution



Red (91%)

Green (81%)

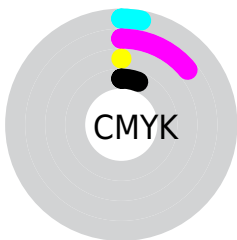
Blue (94%)



Red (91%)

Yellow (81%)

Blue (94%)

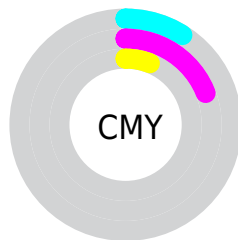


Cyan (3%)

Magenta (14%)

Yellow (0%)

Black (6%)



Cyan (9%)

Magenta (19%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.0727, 0.3085, 0.2944 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 68.0727, 0.3085, 0.2944 by changing the saturation by 10% instead.

68.0727, 0.3085,
0.2944

68.0727, 0.3085,
0.2944

453.7536, 0.3106,
0.3102

49.9569, 0.3080,
0.2908

116.4561, 0.3093,
0.2998

35.3791, 0.3073,
0.2865

147.4926, 0.3096,
0.3020

23.9551, 0.3064,
0.2810

183.6046, 0.3098,
0.3038

15.3003, 0.3052,
0.2739

225.1767, 0.3100,
0.3054

9.0304, 0.3034,
0.2644

272.5933, 0.3102,
0.3068

4.7610, 0.3006,
0.2509

326.2387, 0.3104,

2.1077, 0.2959,

0.3081

386.4973, 0.3105,
0.3092

0.2305

0.6690, 0.2876,
0.1924

0.0000, 0.0000,
0.0000

68.0727, 0.3085,
0.2944

68.0727, 0.3085,
0.2944

56.3664, 0.3047,
0.2679

81.5841, 0.3117,
0.3198

46.3767, 0.3002,
0.2409

96.9667, 0.3143,
0.3437

38.0206, 0.2950,
0.2144

98.0225, 0.3179,
0.3436

31.2045, 0.2893,
0.1893

99.0715, 0.3214,
0.3434

■ 25.8256, 0.2831,
0.1669

■ 21.7680, 0.2766,
0.1482

■ 18.8976, 0.2700,
0.1340

■ 17.0514, 0.2636,
0.1245

■ 16.2646, 0.2597,
0.1204

Harmonies

Analogous

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



68.0727, 0.2862, 0.2889



68.0727, 0.3085, 0.2944



68.0727, 0.3328, 0.3082

Triad

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



68.0727, 0.3085, 0.2944



68.0727, 0.3554, 0.3639



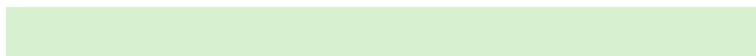
68.0727, 0.2747, 0.3288

Complementary

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



68.0727, 0.3085, 0.2944



81.2637, 0.3163, 0.3649

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.



68.0727, 0.2921, 0.3511



68.0727, 0.3085, 0.2944



68.0727, 0.3387, 0.3716

Square

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



68.0727, 0.3085, 0.2944



68.0727, 0.3605, 0.3475



68.0727, 0.3155, 0.3671



68.0727, 0.2672, 0.3077

Rectangle

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



68.0727, 0.3085, 0.2944



68.0727, 0.3466, 0.3206



68.0727, 0.3155, 0.3671



68.0727, 0.2795, 0.3365

Sweetspot

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



68.0756, 0.3085, 0.2944



93.2012, 0.3116, 0.3192



68.2784, 0.2909, 0.3018



19.6835, 0.3114, 0.3173



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.



68.0756, 0.3085, 0.2944



73.4665, 0.3073, 0.2857



68.9569, 0.3201, 0.3033



15.8286, 0.3099, 0.3055



8.9677, 0.2607, 0.1210



0.7914, 0.2690, 0.1255

Inverse Universe

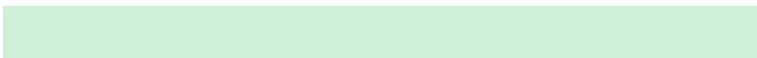
The Inverse Universe completely reimagines the original color for something new.



68.0478, 0.3322, 0.3207



73.4507, 0.3378, 0.3185



80.5044, 0.3061, 0.3562



15.8212, 0.3255, 0.3233



10.3243, 0.5958, 0.3056



0.8740, 0.5591, 0.2854

Previews

White Background



This preview shows how the Yxy color 68.0727, 0.3085, 0.2944 looks on a white background.

Color Contrast Check

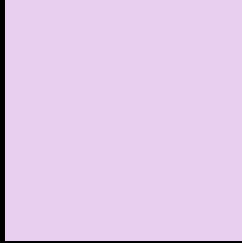
Large Text (above 18pt) WCAG AA × Fail

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 68.0727, 0.3085, 0.2944 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 68.0727, 0.3085, 0.2944

Background



This preview shows how black text looks on a background with the Yxy color 68.0727, 0.3085, 0.2944.



This preview shows how white text looks on a background with the Yxy color 68.0727, 0.3085, 0.2944.

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

68.0727, 0.3085, 0.2944

Protanopia

68.3264, 0.2904, 0.2964

Deuteranopia

68.3920, 0.3034, 0.2971



Tritanopia

67.9149, 0.3165, 0.3108

Trichromacy



Original Color

68.0727, 0.3085, 0.2944

Protanomaly

67.9650, 0.2965, 0.2947

Deuteranomaly

68.3862, 0.3055, 0.2963

Tritanomaly

67.8702, 0.3139, 0.3046

Monochromacy



Original Color

68.0727, 0.3085, 0.2944

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.2721, 0.3111, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0727, 0.3085, 0.2944 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(232, 207, 240)` looks like.

```
.text, #text, p{  
    color:rgb(232, 207, 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(232, 207, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 207, 240) }
```

Border

The CSS property to change the border of an element to Yxy 68.0727, 0.3085, 0.2944 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(232, 207, 240) }
```

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

```
.border{ border-color:rgb(232, 207, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 207, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 207, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 207, 240); box-shadow:4px 4px 4px 4px rgb(232, 207, 240) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0727, 0.3085, 0.2944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 207, 240) }
```

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

```
.background{ background-color: rgb(232,  
207, 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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