

Converting Colors

Yxy(67.1392, 0.3108, 0.2915)

Have a look what the booklet for
Yxy(67.1392, 0.3108, 0.2915)
contains.

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Color

Yxy(67.1392, 0.3108, 0.2915)

Conversions

Conversions Part 1

Format	Color
Hex	EBCCF0
RGB	235, 204, 240
RGB Percent	92%, 80%, 94%
CMY	0.0783, 0.2000, 0.0589
CMYK	0.02, 0.15, 0.00, 0.06
HSL	292°, 54%, 87%
HSV	292°, 15%, 94%
XYZ	71.5844, 67.1392, 91.5995
YIQ	217.3730, 6.9200, 17.7680

Conversions

Conversions Part 2

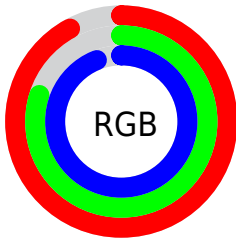
Format	Color
R _Y B	235, 204, 240
Decimal	15453424
CIE Lab	85.57, 17.10, -13.67
CIE LCh	86, 21.891, 321.343
Yxy	67.1392, 0.3108, 0.2915
Android (android.graphics.Color)	4293643504 (0xFFEBCCF0)
YUV	217.3730, 11.1551, 15.4589
Hunter-Lab	81.9385, 12.5516, -8.9237

Details

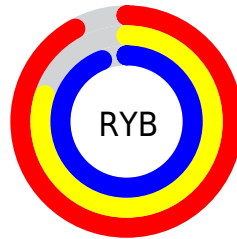
The Yxy color $67.1392, 0.3108, 0.2915$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $80.2088, 0.3141, 0.3687$, and the grayscale version is $69.5783, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.8571, 0.3100, 0.2832$ is the 20% darker color. If you saturate the color by 10%, you get $56.0439, 0.3091, 0.2655$, and if you desaturate by 10%, it is $80.0081, 0.3122, 0.3168$.

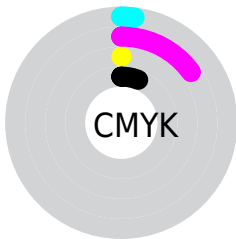
Distribution



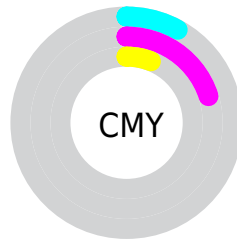
- Red (92%)
- Green (80%)
- Blue (94%)



- Red (92%)
- Yellow (80%)
- Blue (94%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)





- Cyan (8%)
- Magenta (20%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.1392, 0.3108, 0.2915 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 67.1392, 0.3108, 0.2915 by changing the saturation by 10% instead.

 67.1392, 0.3108,
0.2915

 67.1392, 0.3108,
0.2915

450.4401, 0.3119,
0.3086

 49.1978, 0.3105,
0.2877

115.1198, 0.3112,
0.2974

 34.7764, 0.3101,
0.2829


145.9278, 0.3114,
0.2997

 23.4907, 0.3095,
0.2770


181.7935, 0.3115,
0.3017

 14.9562, 0.3088,
0.2694

223.1012, 0.3116,
0.3034

 8.7887, 0.3076,
0.2591

270.2353, 0.3117,
0.3049

 4.6036, 0.3056,
0.2446

323.5802, 0.3118,

 2.0166, 0.3020,

0.3063

0.2228

383.5203, 0.3118,
0.3075

0.6171, 0.2963,
0.1803

0.0000, 0.0000,
0.0000

67.1392, 0.3108,
0.2915

67.1392, 0.3108,
0.2915

56.0439, 0.3091,
0.2655

80.0081, 0.3122,
0.3168

46.6333, 0.3069,
0.2396

94.7170, 0.3132,
0.3409

38.8238, 0.3044,
0.2146

97.2074, 0.3151,
0.3437

32.5212, 0.3015,
0.1917

97.8055, 0.3172,
0.3436

■ 27.6214, 0.2983,
0.1718

■ 98.4142, 0.3193,
0.3436

■ 24.0070, 0.2949,
0.1558

■ 99.0336, 0.3213,
0.3435

■ 21.5415, 0.2913,
0.1443

■ 99.0695, 0.3215,
0.3435

■ 20.0571, 0.2877,
0.1372

■ 19.5543, 0.2859,
0.1348

Harmonies

Analogous

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



67.1392, 0.2852, 0.2842



67.1392, 0.3108, 0.2915



67.1392, 0.3380, 0.3077

Triad

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



67.1392, 0.3108, 0.2915



67.1392, 0.3594, 0.3697



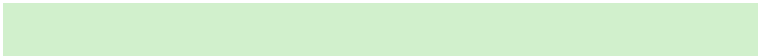
67.1392, 0.2685, 0.3259

Complementary

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



67.1392, 0.3108, 0.2915



80.2088, 0.3141, 0.3687

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.



67.1392, 0.2870, 0.3515



67.1392, 0.3108, 0.2915



67.1392, 0.3394, 0.3773

Square

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



67.1392, 0.3108, 0.2915



67.1392, 0.3667, 0.3518



67.1392, 0.3128, 0.3708



67.1392, 0.2616, 0.3027

Rectangle

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



67.1392, 0.3108, 0.2915



67.1392, 0.3531, 0.3218



67.1392, 0.3128, 0.3708



67.1392, 0.2735, 0.3346

Sweetspot

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



67.1421, 0.3108, 0.2915



93.3990, 0.3123, 0.3192



64.9222, 0.2887, 0.2950



19.7337, 0.3122, 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.



67.1421, 0.3108, 0.2915



72.9534, 0.3103, 0.2836



67.2729, 0.3234, 0.3046



15.9149, 0.3116, 0.3056



10.7508, 0.2865, 0.1352



0.9244, 0.2913, 0.1378

Inverse Universe

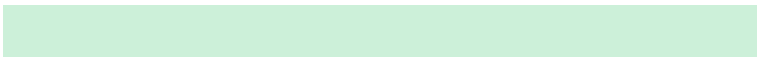
The Inverse Universe completely reimagines the original color for something new.



66.3064, 0.3371, 0.3238



71.8373, 0.3431, 0.3227



80.1280, 0.3034, 0.3547



15.7942, 0.3272, 0.3258



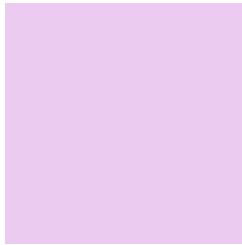
10.2122, 0.6219, 0.3199



0.8605, 0.5915, 0.3032

Previews

White Background



This preview shows how the Yxy color 67.1392, 0.3108, 0.2915 looks on a white background.

Color Contrast Check

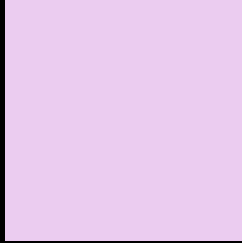
Large Text (above 18pt) WCAG AA × Fail

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 67.1392, 0.3108, 0.2915 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 67.1392, 0.3108, 0.2915

Background



This preview shows how black text looks on a background with the Yxy color 67.1392, 0.3108, 0.2915.



This preview shows how white text looks on a background with the Yxy color 67.1392, 0.3108, 0.2915.

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

67.1392, 0.3108, 0.2915

Protanopia

67.0894, 0.2884, 0.2930

Deuteranopia

67.0317, 0.3026, 0.2958



Tritanopia

67.2770, 0.3210, 0.3120

Trichromacy



Original Color

67.1392, 0.3108, 0.2915

Protanomaly

66.9774, 0.2965, 0.2925

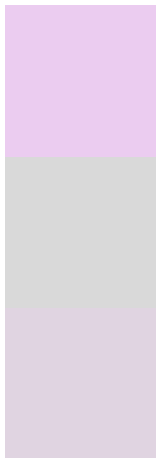
Deuteranomaly

67.1885, 0.3055, 0.2950

Tritanomaly

67.2922, 0.3176, 0.3047

Monochromacy



Original Color

67.1392, 0.3108, 0.2915

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.3705, 0.3126, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1392, 0.3108, 0.2915 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(235, 204, 240)` looks like.

```
.text, #text, p{  
    color:rgb(235, 204, 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(235, 204, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 204, 240) }
```

Border

The CSS property to change the border of an element to Yxy 67.1392, 0.3108, 0.2915 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(235, 204, 240) }
```

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

```
.border{ border-color:rgb(235, 204, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 204, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 204, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 204, 240);  
box-shadow:4px 4px 4px 4px rgb(235, 204,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1392, 0.3108, 0.2915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 204, 240) }
```

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

```
.background{ background-color: rgb(235,  
204, 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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