

Converting Colors

$Yxy(68.3789, 0.3099, 0.2987)$

Have a look what the booklet for
Yxy(68.3789, 0.3099, 0.2987)
contains.

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Color

Yxy(68.2151, 0.3097, 0.2984)

Conversions

Conversions Part 1

Format	Color
Hex	E7D0ED
RGB	231, 208, 237
RGB Percent	91%, 82%, 93%
CMY	0.0942, 0.1843, 0.0704
CMYK	0.03, 0.12, 0.00, 0.07
HSL	287°, 45%, 87%
HSV	287°, 12%, 93%
XYZ	70.7983, 68.2151, 89.5895
YIQ	218.1830, 4.3990, 13.8950

Conversions

Conversions Part 2

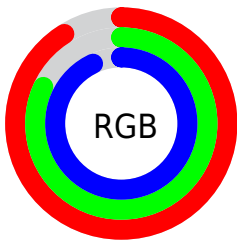
Format	Color
R _Y B	231, 208, 237
Decimal	15192301
CIE Lab	86.11, 13.10, -11.35
CIE LCh	86, 17.333, 319.081
Yxy	68.2151, 0.3097, 0.2984
Android (android.graphics.Color)	4293382381 (0xFFE7D0ED)
YUV	218.1830, 9.2768, 11.2405
Hunter-Lab	82.5924, 8.4736, -6.4982

Details

The Yxy color **68.2151, 0.3097, 0.2984** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.4545, 0.3153, 0.3608**, and the grayscale version is **70.1783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.5614, 0.3087, 0.2921** is the 20% darker color. If you saturate the color by 10%, you get **56.6985, 0.3066, 0.2722**, and if you desaturate by 10%, it is **81.4882, 0.3122, 0.3235**.

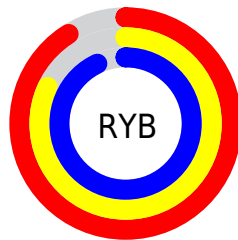
Distribution



Red (91%)

Green (82%)

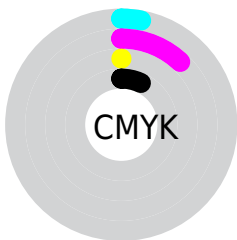
Blue (93%)



Red (91%)

Yellow (82%)

Blue (93%)

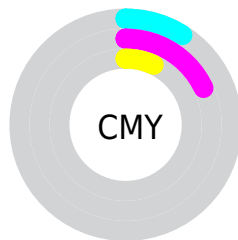


Cyan (3%)

Magenta (12%)

Yellow (0%)

Black (7%)



Cyan (9%)


Magenta (18%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.2151, 0.3097, 0.2984 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 68.2151, 0.3097, 0.2984 by changing the saturation by 10% instead.

 68.2151, 0.3097,
0.2984

 68.2151, 0.3097,
0.2984


454.2577, 0.3112,
0.3124

 50.0727, 0.3093,
0.2952


116.6598, 0.3103,
0.3032

 35.4712, 0.3088,
0.2914

147.7310, 0.3105,
0.3051

 24.0261, 0.3082,
0.2865


183.8805, 0.3107,
0.3067

 15.3530, 0.3073,
0.2801

225.4928, 0.3108,
0.3082

 9.0675, 0.3059,
0.2716

272.9523, 0.3109,
0.3094

 4.7852, 0.3039,
0.2594

326.6433, 0.3111,

 2.1218, 0.3002,

0.3105

0.2409

386.9504, 0.3112,
0.3115

0.6768, 0.2941,
0.2054

0.0000, 0.0000,
0.0000

68.2151, 0.3097,
0.2984

68.2151, 0.3097,
0.2984

56.6985, 0.3066,
0.2722

81.4882, 0.3122,
0.3235

46.8530, 0.3030,
0.2455

96.3163, 0.3143,
0.3468

38.5993, 0.2988,
0.2193

97.1979, 0.3174,
0.3466

31.8482, 0.2940,
0.1945

98.1033, 0.3205,
0.3465

■ 26.5012, 0.2888,
0.1722

■ 98.8970, 0.3232,
0.3463

■ 22.4485, 0.2833,
0.1536

■ 19.5632, 0.2776,
0.1393

■ 17.6928, 0.2720,
0.1297

■ 16.7563, 0.2678,
0.1249

Harmonies

Analogous

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



68.2151, 0.2897, 0.2933



68.2151, 0.3097, 0.2984



68.2151, 0.3312, 0.3110

Triad

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



68.2151, 0.3097, 0.2984



68.2151, 0.3503, 0.3604



68.2151, 0.2785, 0.3283

Complementary

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



68.2151, 0.3097, 0.2984



79.4545, 0.3153, 0.3608

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.



68.2151, 0.2939, 0.3480



68.2151, 0.3097, 0.2984



68.2151, 0.3353, 0.3668

Square

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



68.2151, 0.3097, 0.2984



68.2151, 0.3551, 0.3461



68.2151, 0.3146, 0.3624



68.2151, 0.2721, 0.3097

Rectangle

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



68.2151, 0.3097, 0.2984



68.2151, 0.3433, 0.3221



68.2151, 0.3146, 0.3624



68.2151, 0.2828, 0.3351

Sweetspot

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



68.2180, 0.3097, 0.2984



93.2625, 0.3118, 0.3192



67.7715, 0.2934, 0.3039



19.6991, 0.3116, 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.



68.2180, 0.3097, 0.2984



76.4947, 0.3089, 0.2911



68.7735, 0.3199, 0.3072



15.1459, 0.3105, 0.3055



9.2026, 0.2687, 0.1254



0.7624, 0.2763, 0.1296

Inverse Universe

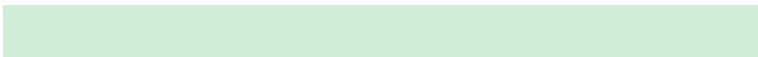
The Inverse Universe completely reimagines the original color for something new.



67.9849, 0.3305, 0.3226



76.1785, 0.3352, 0.3211



78.9750, 0.3062, 0.3519



15.1055, 0.3260, 0.3241



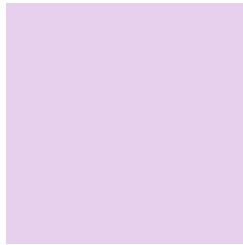
9.9683, 0.6048, 0.3106



0.7964, 0.5671, 0.2898

Previews

White Background



This preview shows how the Yxy color 68.2151, 0.3097, 0.2984 looks on a white background.

Color Contrast Check

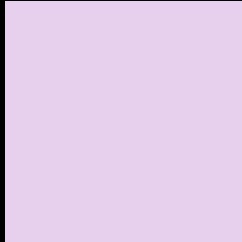
Large Text (above 18pt) WCAG AA × Fail

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 68.2151, 0.3097, 0.2984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

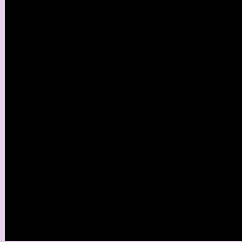
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.2151, 0.3097, 0.2984

Background



This preview shows how black text looks on a background with the Yxy color 68.2151, 0.3097, 0.2984.

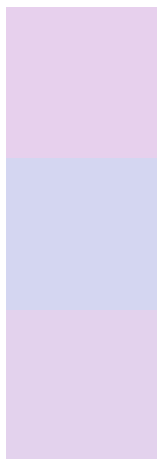


This preview shows how white text looks on a background with the Yxy color 68.2151, 0.3097, 0.2984.

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

68.2151, 0.3097, 0.2984

Protanopia

68.4411, 0.2937, 0.2996

Deuteranopia

68.5385, 0.3068, 0.3003



Tritanopia

68.2422, 0.3157, 0.3119

Trichromacy



Original Color

68.2151, 0.3097, 0.2984

Protanomaly

68.4383, 0.2991, 0.2989

Deuteranomaly

68.2093, 0.3075, 0.2993

Tritanomaly

68.1371, 0.3138, 0.3067

Monochromacy



Original Color

68.2151, 0.3097, 0.2984

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.2174, 0.3118, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2151, 0.3097, 0.2984 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(231, 208, 237)` looks like.

```
.text, #text, p{  
    color:rgb(231, 208, 237)  
}
```

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(231, 208, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 208, 237) }
```

Border

The CSS property to change the border of an element to Yxy 68.2151, 0.3097, 0.2984 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(231, 208, 237) }
```

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

```
.border{ border-color:rgb(231, 208, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 208, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 208, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 208, 237);  
box-shadow:4px 4px 4px 4px rgb(231, 208,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2151, 0.3097, 0.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 208, 237) }
```

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

```
.background{ background-color: rgb(231,  
208, 237) }
```

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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