

Converting Colors

Yxy(67.0505, 0.3096, 0.3142)

Have a look what the booklet for
Yxy(67.0505, 0.3096, 0.3142)
contains.

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Color

Yxy(67.0304, 0.3097, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	DBD3E0
RGB	219, 211, 224
RGB Percent	86%, 83%, 88%
CMY	0.1412, 0.1725, 0.1215
CMYK	0.02, 0.06, 0.00, 0.12
HSL	277°, 17%, 85%
HSV	277°, 6%, 88%
XYZ	65.9654, 67.0304, 80.0020
YIQ	214.8740, 0.5950, 5.7390

Conversions

Conversions Part 2

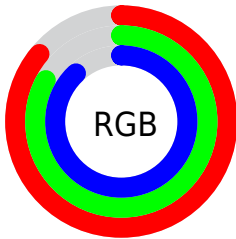
Format	Color
R _Y B	219, 211, 224
Decimal	14406624
CIE Lab	85.52, 5.10, -5.44
CIE LCh	86, 7.458, 313.175
Yxy	67.0304, 0.3097, 0.3147
Android (android.graphics.Color)	4292596704 (0xFFDBD3E0)
YUV	214.8740, 4.4991, 3.6185
Hunter-Lab	81.8721, 0.5436, -0.6252

Details

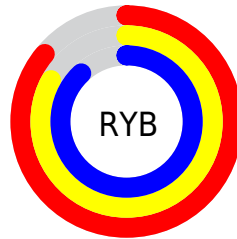
The Yxy color $67.0304, 0.3097, 0.3147$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72.6333, 0.3156, 0.3434$, and the grayscale version is $67.8368, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.8710, 0.3087, 0.3118$ is the 20% darker color. If you saturate the color by 10%, you get $55.3606, 0.3038, 0.2887$, and if you desaturate by 10%, it is $80.3268, 0.3147, 0.3389$.

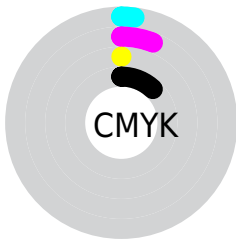
Distribution



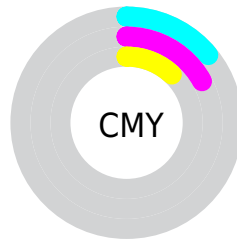
- Red (86%)
- Green (83%)
- Blue (88%)



- Red (86%)
- Yellow (83%)
- Blue (88%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)



- Cyan (14%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.0304, 0.3097, 0.3147 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 67.0304, 0.3097, 0.3147 by changing the saturation by 10% instead.

■ 67.0304, 0.3097,
0.3147

■ 67.0304, 0.3097,
0.3147

450.0530, 0.3111,
0.3214

■ 49.1093, 0.3094,
0.3132

114.9640, 0.3102,
0.3170

■ 34.7062, 0.3089,
0.3113

145.7453, 0.3104,
0.3179

■ 23.4367, 0.3084,
0.3089

181.5821, 0.3106,
0.3187

■ 14.9163, 0.3076,
0.3057

222.8588, 0.3107,
0.3194

■ 8.7606, 0.3066,
0.3013

269.9599, 0.3108,
0.3200

■ 4.5854, 0.3050,
0.2949

323.2697, 0.3110,

■ 2.0061, 0.3024,

0.3205

0.2848

383.1726, 0.3111,
0.3209

0.6110, 0.2983,
0.2584

0.0000, 0.0000,
0.0000

67.0304, 0.3097,
0.3147

67.0304, 0.3097,
0.3147

55.3606, 0.3038,
0.2887

80.3268, 0.3147,
0.3389

45.2439, 0.2968,
0.2612

94.7860, 0.3189,
0.3603

36.6140, 0.2888,
0.2329

96.3041, 0.3244,
0.3597

29.3963, 0.2798,
0.2046

97.8948, 0.3300,
0.3592

■ 23.5095, 0.2700,
0.1775

■ 98.1634, 0.3309,
0.3591

■ 18.8638, 0.2597,
0.1529

■ 15.3580, 0.2492,
0.1320

■ 12.8744, 0.2389,
0.1160

■ 11.2678, 0.2291,
0.1050

Harmonies

Analogous

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



67.0304, 0.3013, 0.3133



67.0304, 0.3097, 0.3147



67.0304, 0.3190, 0.3198

Triad

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



67.0304, 0.3097, 0.3147



67.0304, 0.3297, 0.3418



67.0304, 0.2988, 0.3306

Complementary

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



67.0304, 0.3097, 0.3147



72.6333, 0.3156, 0.3434

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.



67.0304, 0.3063, 0.3386



67.0304, 0.3097, 0.3147



67.0304, 0.3241, 0.3450

Square

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



67.0304, 0.3097, 0.3147



67.0304, 0.3307, 0.3353



67.0304, 0.3155, 0.3439



67.0304, 0.2951, 0.3223

Rectangle

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



67.0304, 0.3097, 0.3147



67.0304, 0.3245, 0.3246



67.0304, 0.3155, 0.3439



67.0304, 0.3010, 0.3334

Sweetspot

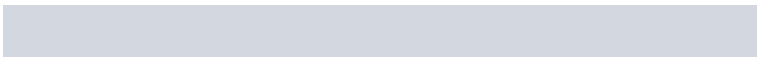
The Sweet Spot groups the original color and five complimentary colors.



67.0333, 0.3097, 0.3147



96.4178, 0.3117, 0.3241



68.4533, 0.3038, 0.3203



20.6749, 0.3118, 0.3244



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.



67.0333, 0.3097, 0.3147



87.8523, 0.3090, 0.3116



67.7543, 0.3143, 0.3163



14.1540, 0.3087, 0.3103



6.3246, 0.2266, 0.1022



0.4895, 0.2410, 0.1101

Inverse Universe

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



67.4007, 0.3189, 0.3235



88.4492, 0.3203, 0.3223



71.9448, 0.3112, 0.3421



14.2580, 0.3209, 0.3218



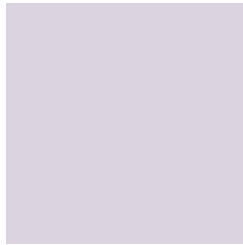
9.6403, 0.5427, 0.2763



0.6854, 0.5012, 0.2535

Previews

White Background



This preview shows how the Yxy color 67.0304, 0.3097, 0.3147 looks on a white background.

Color Contrast Check

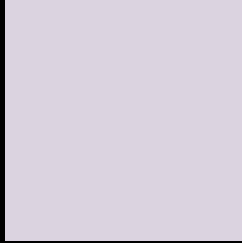
Large Text (above 18pt) WCAG AA × Fail

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 67.0304, 0.3097, 0.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

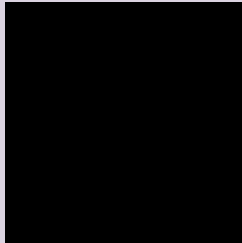
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

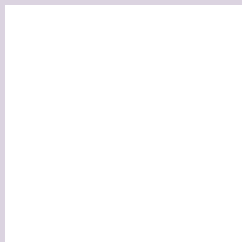
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.0304, 0.3097, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 67.0304, 0.3097, 0.3147.

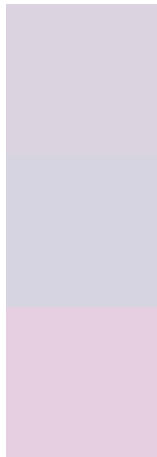


This preview shows how white text looks on a background with the Yxy color 67.0304, 0.3097, 0.3147.

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

67.0304, 0.3097, 0.3147

Protanopia

66.8194, 0.3054, 0.3146

Deuteranopia

66.7199, 0.3166, 0.3097



Tritanopia

67.1947, 0.3077, 0.3115

Trichromacy



Original Color

67.0304, 0.3097, 0.3147

Protanomaly

67.1221, 0.3068, 0.3147

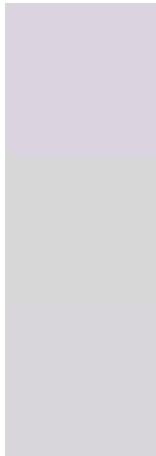
Deuteranomaly

66.5555, 0.3136, 0.3106

Tritanomaly

67.1396, 0.3084, 0.3126

Monochromacy



Original Color

67.0304, 0.3097, 0.3147

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.7540, 0.3115, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0304, 0.3097, 0.3147 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(219, 211, 224)` looks like.

```
.text, #text, p{  
    color:rgb(219, 211, 224)  
}
```

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(219, 211, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 211, 224) }
```

Border

The CSS property to change the border of an element to Yxy 67.0304, 0.3097, 0.3147 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(219, 211, 224) }
```

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

```
.border{ border-color:rgb(219, 211, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 211, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 211, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 211, 224);  
box-shadow:4px 4px 4px 4px rgb(219, 211,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0304, 0.3097, 0.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 211, 224) }
```

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

```
.background{ background-color: rgb(219,  
211, 224) }
```

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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