

Converting Colors

Yxy(67.9863, 0.3058, 0.3080)

Have a look what the booklet for
Yxy(67.9863, 0.3058, 0.3080)
contains.

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Color

Yxy(68.0721, 0.3057, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	DCD4E7
RGB	220, 212, 231
RGB Percent	86%, 83%, 91%
CMY	0.1373, 0.1686, 0.0941
CMYK	0.05, 0.08, 0.00, 0.09
HSL	265°, 28%, 87%
HSV	265°, 8%, 91%
XYZ	67.4761, 68.0721, 85.1784
YIQ	216.5580, -1.3310, 7.6050

Conversions

Conversions Part 2

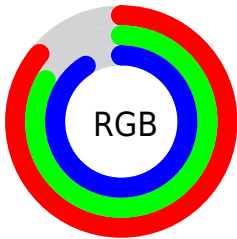
Format	Color
R _Y B	220, 212, 231
Decimal	14472423
CIE Lab	86.04, 6.20, -8.35
CIE LCh	86, 10.400, 306.608
Yxy	68.0721, 0.3057, 0.3084
Android (android.graphics.Color)	4292662503 (0xFFD4CD4E7)
YUV	216.5580, 7.1199, 3.0186
Hunter-Lab	82.5058, 1.5983, -3.4565

Details

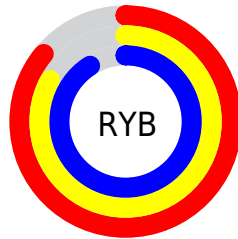
The Yxy color $68.0721, 0.3057, 0.3084$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77.5951, 0.3193, 0.3495$, and the grayscale version is $69.0205, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.2084, 0.3044, 0.3035$ is the 20% darker color. If you saturate the color by 10%, you get $55.3310, 0.2959, 0.2812$, and if you desaturate by 10%, it is $82.6389, 0.3141, 0.3333$.

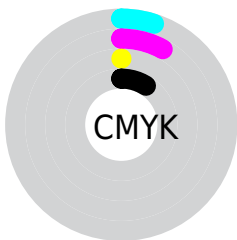
Distribution



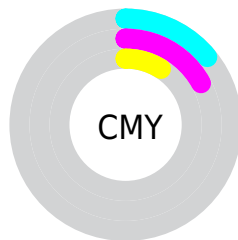
- Red (86%)
- Green (83%)
- Blue (91%)



- Red (86%)
- Yellow (83%)
- Blue (91%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (14%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.0721, 0.3057, 0.3084 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 68.0721, 0.3057, 0.3084 by changing the saturation by 10% instead.

■ 68.0721, 0.3057,
0.3084

■ 68.0721, 0.3057,
0.3084

453.7514, 0.3090,
0.3179

■ 49.9564, 0.3049,
0.3062

116.4553, 0.3069,
0.3117

■ 35.3788, 0.3039,
0.3035

147.4915, 0.3073,
0.3130

■ 23.9548, 0.3027,
0.3001

183.6035, 0.3077,
0.3141

■ 15.3001, 0.3010,
0.2957

225.1754, 0.3080,
0.3151

■ 9.0303, 0.2987,
0.2896

272.5918, 0.3083,
0.3159

■ 4.7609, 0.2952,
0.2808

326.2370, 0.3086,

■ 2.1077, 0.2895,

0.3167

0.2670

386.4954, 0.3088,
0.3173

0.6689, 0.2800,
0.2379

0.0000, 0.0000,
0.0000

68.0721, 0.3057,
0.3084

68.0721, 0.3057,
0.3084

55.3310, 0.2959,
0.2812

82.6389, 0.3141,
0.3333

44.3332, 0.2846,
0.2520

97.0254, 0.3215,
0.3526

35.0028, 0.2718,
0.2215

98.5492, 0.3268,
0.3522

27.2547, 0.2579,
0.1905

■ 20.9962, 0.2431,
0.1606

■ 16.1244, 0.2279,
0.1333

■ 12.5230, 0.2133,
0.1104

■ 10.0553, 0.1999,
0.0931

■ 8.5290, 0.1882,
0.0817

Harmonies

Analogous

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



68.0721, 0.2948, 0.3077



68.0721, 0.3057, 0.3084



68.0721, 0.3187, 0.3144

Triad

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



68.0721, 0.3057, 0.3084



68.0721, 0.3372, 0.3450



68.0721, 0.2954, 0.3337

Complementary

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



68.0721, 0.3057, 0.3084



77.5951, 0.3193, 0.3495

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.



68.0721, 0.3065, 0.3444



68.0721, 0.3057, 0.3084



68.0721, 0.3307, 0.3508

Square

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



68.0721, 0.3057, 0.3084



68.0721, 0.3371, 0.3352



68.0721, 0.3194, 0.3506



68.0721, 0.2890, 0.3220

Rectangle

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



68.0721, 0.3057, 0.3084



68.0721, 0.3268, 0.3205



68.0721, 0.3194, 0.3506



68.0721, 0.2987, 0.3376

Sweetspot

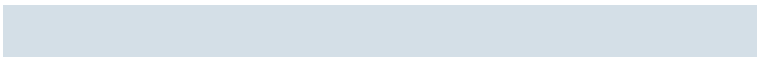
The Sweet Spot groups the original color and five complimentary colors.



68.0750, 0.3057, 0.3084



96.2320, 0.3111, 0.3241



72.5891, 0.3000, 0.3203



20.6371, 0.3112, 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.



68.0750, 0.3057, 0.3084



82.0959, 0.3040, 0.3036



69.5887, 0.3125, 0.3088



14.1811, 0.3046, 0.3052



4.7262, 0.1879, 0.0809



0.4028, 0.2043, 0.0899

Inverse Universe

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



69.4109, 0.3191, 0.3173



84.1256, 0.3207, 0.3146



76.1377, 0.3128, 0.3499



14.5076, 0.3202, 0.3154



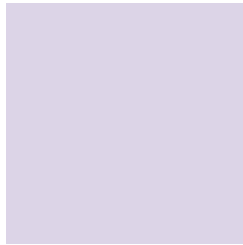
10.5157, 0.4617, 0.2317



0.7955, 0.4355, 0.2173

Previews

White Background



This preview shows how the Yxy color 68.0721, 0.3057, 0.3084 looks on a white background.

Color Contrast Check

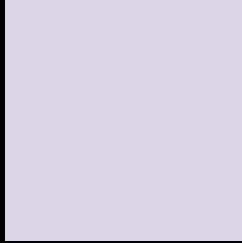
Large Text (above 18pt) WCAG AA × Fail

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 68.0721, 0.3057, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

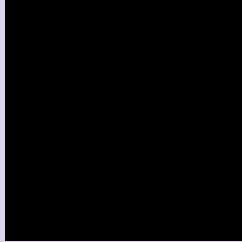
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

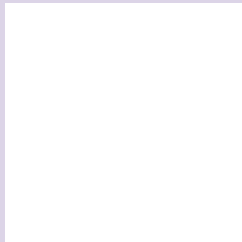
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.0721, 0.3057, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 68.0721, 0.3057, 0.3084.

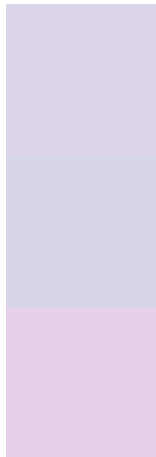


This preview shows how white text looks on a background with the Yxy color 68.0721, 0.3057, 0.3084.

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

68.0721, 0.3057, 0.3084

Protanopia

68.2155, 0.3008, 0.3093

Deuteranopia

68.0851, 0.3117, 0.3045



Tritanopia

67.9598, 0.3070, 0.3105

Trichromacy



Original Color

68.0721, 0.3057, 0.3084

Protanomaly

68.0136, 0.3022, 0.3082

Deuteranomaly

68.0881, 0.3094, 0.3054

Tritanomaly

68.0158, 0.3064, 0.3094

Monochromacy



Original Color

68.0721, 0.3057, 0.3084

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.7802, 0.3102, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0721, 0.3057, 0.3084 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(220, 212, 231)` looks like.

```
.text, #text, p{  
    color:rgb(220, 212, 231)  
}
```

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(220, 212, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 212, 231) }
```

Border

The CSS property to change the border of an element to Yxy 68.0721, 0.3057, 0.3084 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(220, 212, 231) }
```

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

```
.border{ border-color:rgb(220, 212, 231) }
```

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

Here you see how a box with a 4 pixel rgb(220, 212, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 212, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 212, 231);  
box-shadow:4px 4px 4px 4px rgb(220, 212,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0721, 0.3057, 0.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 212, 231) }
```

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

```
.background{ background-color: rgb(220,  
212, 231) }
```

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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