

Converting Colors

$Yxy(57.5247, 0.3013, 0.2761)$

Have a look what the booklet for
Yxy(57.5247, 0.3013, 0.2761)
contains.

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Color

Yxy(57.5697, 0.3011, 0.2765)

Conversions

Conversions Part 1

Format	Color
Hex	DBBDED
RGB	219, 189, 237
RGB Percent	86%, 74%, 93%
CMY	0.1413, 0.2588, 0.0705
CMYK	0.08, 0.20, 0.00, 0.07
HSL	277°, 57%, 84%
HSV	277°, 20%, 93%
XYZ	62.6916, 57.5697, 87.9473
YIQ	203.4420, 2.4720, 21.2880

Conversions

Conversions Part 2

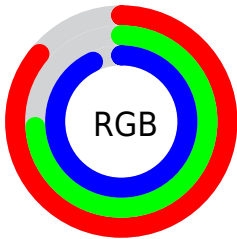
Format	Color
R _Y B	219, 189, 237
Decimal	14401005
CIE Lab	80.50, 19.29, -19.88
CIE LCh	80, 27.705, 314.141
Yxy	57.5697, 0.3011, 0.2765
Android (android.graphics.Color)	4292591085 (0xFFDDBBDED)
YUV	203.4420, 16.5441, 13.6444
Hunter-Lab	75.8747, 14.7053, -15.6115

Details

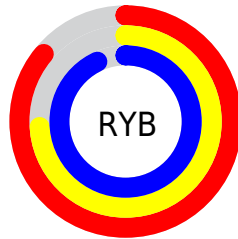
The Yxy color $57.5697, 0.3011, 0.2765$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $77.5343, 0.3222, 0.3830$, and the grayscale version is $59.9060, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7848, 0.3132, 0.3194$, and $28.8370, 0.2981, 0.2649$ is the 20% darker color. If you saturate the color by 10%, you get $46.8477, 0.2939, 0.2485$, and if you desaturate by 10%, it is $70.0370, 0.3073, 0.3033$.

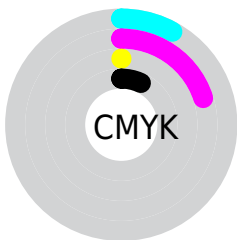
Distribution



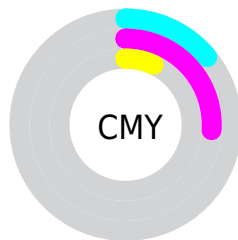
- Red (86%)
- Green (74%)
- Blue (93%)



- Red (86%)
- Yellow (74%)
- Blue (93%)



- Cyan (8%)
- Magenta (20%)
- Yellow (0%)
- Black (7%)





- Cyan (14%)
- Magenta (26%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5697, 0.3011, 0.2765 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 57.5697, 0.3011, 0.2765 by changing the saturation by 10% instead.


 57.5697, 0.3011,
0.2765

 57.5697, 0.3011,
0.2765


415.5806, 0.3070,
0.3008

 41.4628, 0.2996,
0.2709

 101.2960, 0.3033,
0.2849

 28.6809, 0.2977,
0.2641


129.6842, 0.3041,
0.2882

 18.8396, 0.2952,
0.2554


162.9349, 0.3048,
0.2911

 11.5544, 0.2917,
0.2442

201.4326, 0.3053,
0.2935

 6.4410, 0.2866,
0.2289

245.5616, 0.3058,
0.2957

 3.1151, 0.2787,
0.2072

295.7063, 0.3063,

 1.1921, 0.2646,

0.2976

0.1743

352.2512, 0.3067,
0.2993

0.0552, 0.2475,
0.0261

0.0000, 0.0000,
0.0000

57.5697, 0.3011,
0.2765

57.5697, 0.3011,
0.2765

46.8477, 0.2939,
0.2485

70.0370, 0.3073,
0.3033

37.7818, 0.2856,
0.2201

84.3188, 0.3126,
0.3284

30.2855, 0.2765,
0.1923

97.1771, 0.3173,
0.3466

24.2617, 0.2666,
0.1662

98.8260, 0.3230,
0.3463

■ 19.6019, 0.2564,
0.1434

■ 98.8959, 0.3232,
0.3463

■ 16.1823, 0.2461,
0.1248

■ 13.8554, 0.2362,
0.1113

■ 12.3988, 0.2272,
0.1025

Harmonies

Analogous

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



57.5697, 0.2694, 0.2700



57.5697, 0.3011, 0.2765



57.5697, 0.3378, 0.2950

Triad

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



57.5697, 0.3011, 0.2765



57.5697, 0.3789, 0.3776



57.5697, 0.2589, 0.3328

Complementary

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



57.5697, 0.3011, 0.2765



77.5343, 0.3222, 0.3830

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.



57.5697, 0.2858, 0.3668



57.5697, 0.3011, 0.2765



57.5697, 0.3553, 0.3927

Square

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



57.5697, 0.3011, 0.2765



57.5697, 0.3842, 0.3514



57.5697, 0.3210, 0.3895



57.5697, 0.2461, 0.3000

Rectangle

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



57.5697, 0.3011, 0.2765



57.5697, 0.3599, 0.3122



57.5697, 0.3210, 0.3895



57.5697, 0.2665, 0.3446

Sweetspot

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



57.5721, 0.3011, 0.2765



89.5484, 0.3097, 0.3141



61.7656, 0.2803, 0.2949



18.9338, 0.3093, 0.3125



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.



57.5721, 0.3011, 0.2765



62.8666, 0.2984, 0.2659



60.2041, 0.3193, 0.2843



15.0143, 0.3078, 0.3053



6.8451, 0.2286, 0.1033



0.5922, 0.2413, 0.1103

Inverse Universe

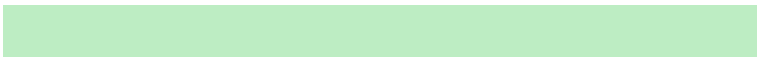
The Inverse Universe completely reimagines the original color for something new.



58.9193, 0.3383, 0.3095



64.7551, 0.3444, 0.3056



75.3267, 0.3068, 0.3783



15.1478, 0.3234, 0.3202



10.2485, 0.5471, 0.2787



0.8229, 0.5094, 0.2580

Previews

White Background



This preview shows how the Yxy color 57.5697, 0.3011, 0.2765 looks on a white background.

Color Contrast Check

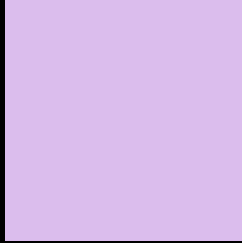
Large Text (above 18pt) WCAG AA × Fail

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 57.5697, 0.3011, 0.2765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

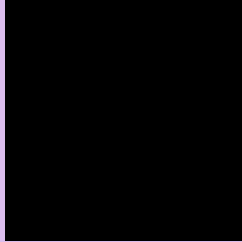
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5697, 0.3011, 0.2765

Background



This preview shows how black text looks on a background with the Yxy color 57.5697, 0.3011, 0.2765.



This preview shows how white text looks on a background with the Yxy color 57.5697, 0.3011, 0.2765.

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

57.5697, 0.3011, 0.2765

Protanopia

57.8064, 0.2765, 0.2775

Deuteranopia

57.6429, 0.2892, 0.2825



Tritanopia

57.6341, 0.3183, 0.3119

Trichromacy



Original Color

57.5697, 0.3011, 0.2765

Protanomaly

57.7986, 0.2852, 0.2772

Deuteranomaly

57.6060, 0.2936, 0.2808

Tritanomaly

57.4127, 0.3118, 0.2985

Monochromacy



Original Color

57.5697, 0.3011, 0.2765

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.8498, 0.3090, 0.3095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5697, 0.3011, 0.2765 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, 189, 237)` looks like.

```
.text, #text, p{  
    color:rgb(219, 189, 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(219, 189, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 189, 237) }
```

Border

The CSS property to change the border of an element to Yxy 57.5697, 0.3011, 0.2765 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, 189, 237) }
```

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

```
.border{ border-color:rgb(219, 189, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 189, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 189, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 189, 237);  
box-shadow:4px 4px 4px 4px rgb(219, 189,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5697, 0.3011, 0.2765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 189, 237) }
```

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

```
.background{ background-color: rgb(219,  
189, 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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