

Converting Colors

Yxy(65.7329, 0.3050, 0.3049)

Have a look what the booklet for
Yxy(65.7329, 0.3050, 0.3049)
contains.

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Color

Yxy(65.7303, 0.3050, 0.3049)

Conversions

Conversions Part 1

Format	Color
Hex	DAD0E6
RGB	218, 208, 230
RGB Percent	85%, 82%, 90%
CMY	0.1451, 0.1843, 0.0980
CMYK	0.05, 0.10, 0.00, 0.10
HSL	267°, 31%, 86%
HSV	267°, 10%, 90%
XYZ	65.7519, 65.7303, 84.0977
YIQ	213.4980, -1.1020, 8.9620

Conversions

Conversions Part 2

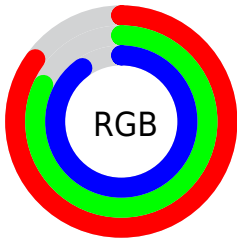
Format	Color
R _Y B	218, 208, 230
Decimal	14340326
CIE Lab	84.86, 7.47, -9.61
CIE LCh	85, 12.171, 307.877
Yxy	65.7303, 0.3050, 0.3049
Android (android.graphics.Color)	4292530406 (0xFFDAD0E6)
YUV	213.4980, 8.1355, 3.9483
Hunter-Lab	81.0742, 2.8851, -4.7491

Details

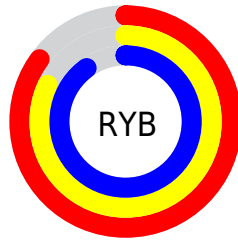
The Yxy color **65.7303, 0.3050, 0.3049** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.3796, 0.3199, 0.3530**, and the grayscale version is **66.8367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.9929, 0.3025, 0.2990** is the 20% darker color. If you saturate the color by 10%, you get **53.4533, 0.2956, 0.2776**, and if you desaturate by 10%, it is **79.7864, 0.3130, 0.3300**.

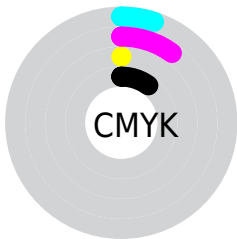
Distribution



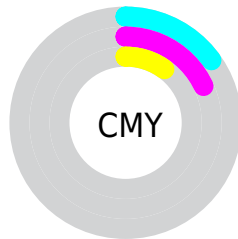
- Red (85%)
- Green (82%)
- Blue (90%)



- Red (85%)
- Yellow (82%)
- Blue (90%)



- Cyan (5%)
- Magenta (10%)
- Yellow (0%)
- Black (10%)



- Cyan (15%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.7303, 0.3050, 0.3049 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 65.7303, 0.3050, 0.3049 by changing the saturation by 10% instead.

■ 65.7303, 0.3050,
0.3049

■ 65.7303, 0.3050,
0.3049

445.4117, 0.3087,
0.3161

■ 48.0535, 0.3041,
0.3023

113.0992, 0.3063,
0.3088

■ 33.8693, 0.3030,
0.2992

143.5600, 0.3068,
0.3103

■ 22.7932, 0.3016,
0.2951

179.0510, 0.3072,
0.3116

■ 14.4409, 0.2997,
0.2898

219.9565, 0.3076,
0.3127

■ 8.4279, 0.2970,
0.2826

266.6609, 0.3079,
0.3137

■ 4.3700, 0.2930,
0.2722

319.5487, 0.3082,

■ 1.8826, 0.2863,

0.3146

0.2557

379.0041, 0.3085,
0.3154

0.5379, 0.2753,
0.2135

0.0000, 0.0000,
0.0000

65.7303, 0.3050,
0.3049

65.7303, 0.3050,
0.3049

53.4533, 0.2956,
0.2776

79.7864, 0.3130,
0.3300

42.8741, 0.2848,
0.2484

95.6817, 0.3198,
0.3528

33.9173, 0.2727,
0.2181

98.4942, 0.3274,
0.3532

26.4985, 0.2594,
0.1877

■ 20.5257, 0.2453,
0.1586

■ 15.8962, 0.2309,
0.1323

■ 12.4935, 0.2169,
0.1106

■ 10.1799, 0.2040,
0.0944

■ 8.7314, 0.1927,
0.0837

Harmonies

Analogous

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



65.7303, 0.2920, 0.3037



65.7303, 0.3050, 0.3049



65.7303, 0.3204, 0.3122

Triad

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



65.7303, 0.3050, 0.3049



65.7303, 0.3416, 0.3483



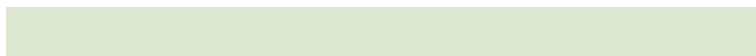
65.7303, 0.2918, 0.3340

Complementary

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



65.7303, 0.3050, 0.3049



76.3796, 0.3199, 0.3530

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.



65.7303, 0.3046, 0.3468



65.7303, 0.3050, 0.3049



65.7303, 0.3335, 0.3550

Square

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



65.7303, 0.3050, 0.3049



65.7303, 0.3418, 0.3368



65.7303, 0.3199, 0.3546



65.7303, 0.2845, 0.3201

Rectangle

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



65.7303, 0.3050, 0.3049



65.7303, 0.3299, 0.3195



65.7303, 0.3199, 0.3546



65.7303, 0.2956, 0.3386

Sweetspot

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



65.7331, 0.3050, 0.3049



94.4316, 0.3104, 0.3216



70.3710, 0.2979, 0.3180



19.9013, 0.3098, 0.3196



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.



65.7331, 0.3050, 0.3049



80.5989, 0.3037, 0.3010



67.4736, 0.3130, 0.3055



14.2057, 0.3051, 0.3052



4.9823, 0.1939, 0.0842



0.4228, 0.2101, 0.0931

Inverse Universe

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



67.1101, 0.3208, 0.3161



82.5983, 0.3222, 0.3140



74.7296, 0.3123, 0.3536



14.4991, 0.3207, 0.3162



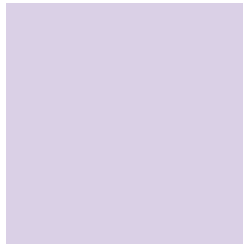
10.3973, 0.4758, 0.2395



0.7870, 0.4470, 0.2236

Previews

White Background



This preview shows how the Yxy color 65.7303, 0.3050, 0.3049 looks on a white background.

Color Contrast Check

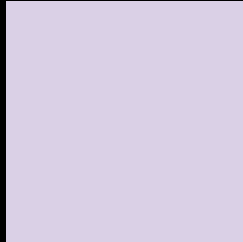
Large Text (above 18pt) WCAG AA × Fail

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 65.7303, 0.3050, 0.3049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

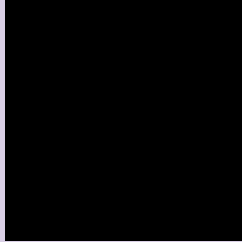
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

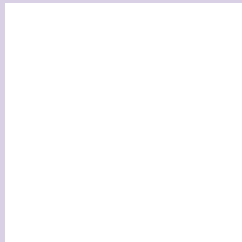
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7303, 0.3050, 0.3049

Background



This preview shows how black text looks on a background with the Yxy color 65.7303, 0.3050, 0.3049.



This preview shows how white text looks on a background with the Yxy color 65.7303, 0.3050, 0.3049.

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

65.7303, 0.3050, 0.3049

Protanopia

65.6210, 0.2980, 0.3046

Deuteranopia

65.7031, 0.3095, 0.3030



Tritanopia

65.7889, 0.3076, 0.3114

Trichromacy



Original Color

65.7303, 0.3050, 0.3049

Protanomaly

65.5166, 0.3007, 0.3047

Deuteranomaly

65.8684, 0.3080, 0.3040

Tritanomaly

65.8987, 0.3063, 0.3092

Monochromacy



Original Color

65.7303, 0.3050, 0.3049

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.7013, 0.3095, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7303, 0.3050, 0.3049 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(218, 208, 230)` looks like.

```
.text, #text, p{  
    color:rgb(218, 208, 230)  
}
```

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(218, 208, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 208, 230) }
```

Border

The CSS property to change the border of an element to Yxy 65.7303, 0.3050, 0.3049 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(218, 208, 230) }
```

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

```
.border{ border-color:rgb(218, 208, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 208, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 208, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 208, 230);  
box-shadow:4px 4px 4px 4px rgb(218, 208,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7303, 0.3050, 0.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 208, 230) }
```

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

```
.background{ background-color: rgb(218,  
208, 230) }
```

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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