

Converting Colors

Yxy(64.0999, 0.3068, 0.3007)

Have a look what the booklet for
Yxy(64.0999, 0.3068, 0.3007)
contains.

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Color

Yxy(64.1145, 0.3066, 0.3006)

Conversions

Conversions Part 1

Format	Color
Hex	DCCCE6
RGB	220, 204, 230
RGB Percent	86%, 80%, 90%
CMY	0.1372, 0.2000, 0.0981
CMYK	0.04, 0.11, 0.00, 0.10
HSL	277°, 34%, 85%
HSV	277°, 11%, 90%
XYZ	65.3942, 64.1145, 83.7797
YIQ	211.7480, 1.1900, 11.4780

Conversions

Conversions Part 2

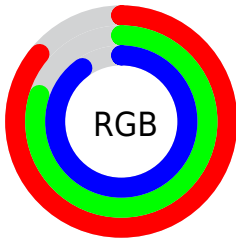
Format	Color
R _Y B	220, 204, 230
Decimal	14470374
CIE Lab	84.03, 10.26, -10.81
CIE LCh	84, 14.906, 313.503
Yxy	64.1145, 0.3066, 0.3006
Android (android.graphics.Color)	4292660454 (0xFFDCCCE6)
YUV	211.7480, 8.9982, 7.2370
Hunter-Lab	80.0715, 5.6554, -5.9857

Details

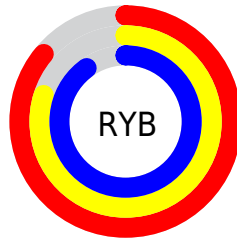
The Yxy color **64.1145, 0.3066, 0.3006** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.2351, 0.3182, 0.3578**, and the grayscale version is **65.6038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.8680, 0.3054, 0.2947** is the 20% darker color. If you saturate the color by 10%, you get **52.6402, 0.3001, 0.2737**, and if you desaturate by 10%, it is **77.2811, 0.3121, 0.3259**.

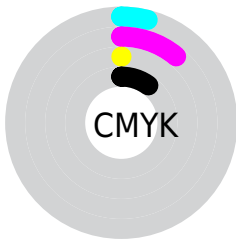
Distribution



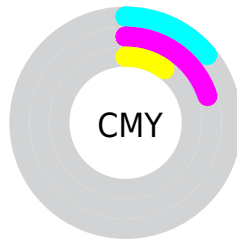
- Red (86%)
- Green (80%)
- Blue (90%)



- Red (86%)
- Yellow (80%)
- Blue (90%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (10%)



- Cyan (14%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.1145, 0.3066, 0.3006 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 64.1145, 0.3066, 0.3006 by changing the saturation by 10% instead.

64.1145, 0.3066,
0.3006

64.1145, 0.3066,
0.3006

439.6030, 0.3096,
0.3138

46.7434, 0.3059,
0.2976

110.7758, 0.3077,
0.3052

32.8329, 0.3050,
0.2938

140.8348, 0.3081,
0.3070

21.9984, 0.3038,
0.2891

175.8920, 0.3084,
0.3085

13.8558, 0.3021,
0.2829

216.3316, 0.3087,
0.3098

8.0204, 0.2998,
0.2744

262.5381, 0.3090,
0.3110

4.1080, 0.2963,
0.2621

314.8959, 0.3092,

1.7342, 0.2901,

0.3120

0.2428

373.7894, 0.3094,
0.3130

0.4456, 0.2823,
0.1866

0.0000, 0.0000,
0.0000

64.1145, 0.3066,
0.3006

64.1145, 0.3066,
0.3006

52.6402, 0.3001,
0.2737

77.2811, 0.3121,
0.3259

42.7783, 0.2927,
0.2456

92.1990, 0.3166,
0.3492

34.4548, 0.2842,
0.2172

96.9106, 0.3219,
0.3536

27.5865, 0.2748,
0.1894

98.4923, 0.3274,
0.3532

■ 22.0820, 0.2647,
0.1635

■ 17.8393, 0.2542,
0.1409

■ 14.7418, 0.2438,
0.1226

■ 12.6495, 0.2338,
0.1095

■ 11.4478, 0.2257,
0.1017

Harmonies

Analogous

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



64.1145, 0.2897, 0.2976



64.1145, 0.3066, 0.3006



64.1145, 0.3256, 0.3106

Triad

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



64.1145, 0.3066, 0.3006



64.1145, 0.3472, 0.3548



64.1145, 0.2846, 0.3318

Complementary

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



64.1145, 0.3066, 0.3006



75.2351, 0.3182, 0.3578

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.



64.1145, 0.2994, 0.3485



64.1145, 0.3066, 0.3006



64.1145, 0.3356, 0.3617

Square

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



64.1145, 0.3066, 0.3006



64.1145, 0.3495, 0.3413



64.1145, 0.3180, 0.3596



64.1145, 0.2773, 0.3149

Rectangle

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



64.1145, 0.3066, 0.3006



64.1145, 0.3368, 0.3201



64.1145, 0.3180, 0.3596



64.1145, 0.2888, 0.3377

Sweetspot

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



64.1172, 0.3066, 0.3006



94.6639, 0.3112, 0.3217



66.6228, 0.2951, 0.3110



19.9640, 0.3108, 0.3197



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.



64.1172, 0.3066, 0.3006



76.7961, 0.3049, 0.2933



65.5495, 0.3162, 0.3044



14.3249, 0.3077, 0.3054



6.5544, 0.2271, 0.1025



0.5374, 0.2407, 0.1100

Inverse Universe

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



64.8590, 0.3255, 0.3182



77.9620, 0.3292, 0.3154



73.9292, 0.3094, 0.3549



14.4590, 0.3232, 0.3200



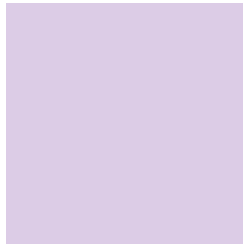
9.9468, 0.5440, 0.2770



0.7527, 0.5046, 0.2553

Previews

White Background



This preview shows how the Yxy color 64.1145, 0.3066, 0.3006 looks on a white background.

Color Contrast Check

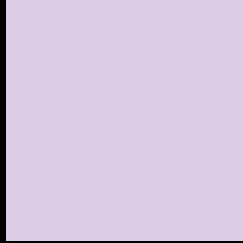
Large Text (above 18pt) WCAG AA × Fail

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 64.1145, 0.3066, 0.3006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

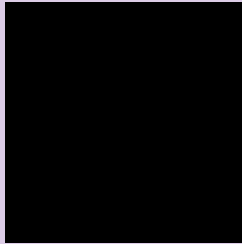
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

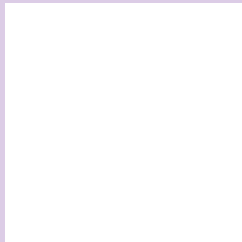
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.1145, 0.3066, 0.3006

Background



This preview shows how black text looks on a background with the Yxy color 64.1145, 0.3066, 0.3006.



This preview shows how white text looks on a background with the Yxy color 64.1145, 0.3066, 0.3006.

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

64.1145, 0.3066, 0.3006

Protanopia

64.2603, 0.2952, 0.3011

Deuteranopia

64.2711, 0.3073, 0.3007



Tritanopia

63.9966, 0.3113, 0.3102

Trichromacy



Original Color

64.1145, 0.3066, 0.3006

Protanomaly

64.4489, 0.2994, 0.3013

Deuteranomaly

64.2711, 0.3073, 0.3007

Tritanomaly

64.1590, 0.3093, 0.3070

Monochromacy



Original Color

64.1145, 0.3066, 0.3006

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.1625, 0.3103, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1145, 0.3066, 0.3006 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, 204, 230)` looks like.

```
.text, #text, p{  
    color:rgb(220, 204, 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(220, 204, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 204, 230) }
```

Border

The CSS property to change the border of an element to Yxy 64.1145, 0.3066, 0.3006 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, 204, 230) }
```

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

```
.border{ border-color:rgb(220, 204, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 204, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 204, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 204, 230);  
box-shadow:4px 4px 4px 4px rgb(220, 204,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1145, 0.3066, 0.3006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 204, 230) }
```

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

```
.background{ background-color: rgb(220,  
204, 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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