

Converting Colors

$Yxy(63.1891, 0.3067, 0.2984)$

Have a look what the booklet for
Yxy(63.1891, 0.3067, 0.2984)
contains.

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Color

Yxy(63.1699, 0.3066, 0.2984)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DCCA66 |
| RGB | 220, 202, 230 |
| RGB Percent | 86%, 79%, 90% |
| CMY | 0.1374, 0.2078, 0.0981 |
| CMYK | 0.04, 0.12, 0.00, 0.10 |
| HSL | 278°, 36%, 85% |
| HSV | 278°, 12%, 90% |
| XYZ | 64.9058, 63.1699, 83.6197 |
| YIQ | 210.5740, 1.7400, 12.5240 |

Conversions

Conversions Part 2

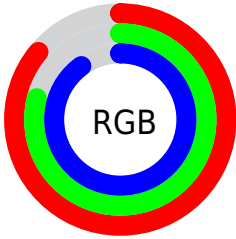
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 220, 202, 230 |
| Decimal | 14469862 |
| CIE Lab | 83.53, 11.29, -11.55 |
| CIE LCh | 84, 16.147, 314.350 |
| Yxy | 63.1699, 0.3066, 0.2984 |
| Android (android.graphics.Color) | 4292659942 (0xFFDCCA E6) |
| YUV | 210.5740, 9.5770, 8.2666 |
| Hunter-Lab | 79.4795, 6.6804, -6.7428 |

Details

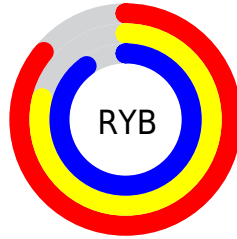
The Yxy color **63.1699, 0.3066, 0.2984** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.8524, 0.3182, 0.3602**, and the grayscale version is **64.7785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.2351, 0.3055, 0.2918** is the 20% darker color. If you saturate the color by 10%, you get **51.9160, 0.3005, 0.2715**, and if you desaturate by 10%, it is **76.1010, 0.3117, 0.3238**.

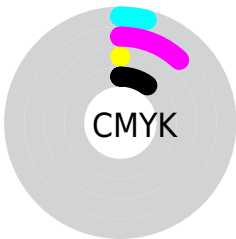
Distribution



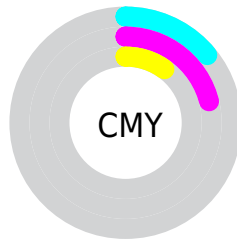
- Red (86%)
- Green (79%)
- Blue (90%)



- Red (86%)
- Yellow (79%)
- Blue (90%)



- Cyan (4%)
- Magenta (12%)
- Yellow (0%)
- Black (10%)



- Cyan (14%)
- Magenta (21%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1699, 0.3066, 0.2984 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 63.1699, 0.3066, 0.2984 by changing the saturation by 10% instead.

63.1699, 0.3066,
0.2984

63.1699, 0.3066,
0.2984

436.1858, 0.3096,
0.3126

45.9787, 0.3059,
0.2951

109.4146, 0.3077,
0.3033

32.2290, 0.3049,
0.2911

139.2368, 0.3081,
0.3053

21.5365, 0.3037,
0.2860

174.0382, 0.3084,
0.3069

13.5167, 0.3020,
0.2793

214.2031, 0.3087,
0.3084

7.7853, 0.2996,
0.2701

260.1159, 0.3090,
0.3096

3.9579, 0.2959,
0.2568

312.1611, 0.3092,

1.6500, 0.2895,

0.3107

0.2360

370.7229, 0.3094,
0.3117

0.3910, 0.2818,
0.1702

0.0000, 0.0000,
0.0000

63.1699, 0.3066,
0.2984

63.1699, 0.3066,
0.2984

51.9160, 0.3005,
0.2715

76.1010, 0.3117,
0.3238

42.2593, 0.2935,
0.2436

90.7686, 0.3160,
0.3473

34.1256, 0.2855,
0.2154

96.5900, 0.3208,
0.3537

27.4311, 0.2767,
0.1882

98.1042, 0.3261,
0.3533

■ 22.0840, 0.2673,
0.1630

■ 98.4921, 0.3274,
0.3532

■ 17.9815, 0.2575,
0.1412

■ 15.0054, 0.2477,
0.1238

■ 13.0137, 0.2383,
0.1115

■ 11.9622, 0.2313,
0.1048

Harmonies

Analogous

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



63.1699, 0.2881, 0.2948



63.1699, 0.3066, 0.2984



63.1699, 0.3273, 0.3095

Triad

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



63.1699, 0.3066, 0.2984



63.1699, 0.3501, 0.3573



63.1699, 0.2818, 0.3315

Complementary

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



63.1699, 0.3066, 0.2984



74.8524, 0.3182, 0.3602

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.



63.1699, 0.2976, 0.3498



63.1699, 0.3066, 0.2984



63.1699, 0.3371, 0.3648

Square

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



63.1699, 0.3066, 0.2984



63.1699, 0.3528, 0.3428



63.1699, 0.3178, 0.3622



63.1699, 0.2742, 0.3131

Rectangle

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



63.1699, 0.3066, 0.2984



63.1699, 0.3395, 0.3198



63.1699, 0.3178, 0.3622



63.1699, 0.2863, 0.3379

Sweetspot

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



63.1726, 0.3066, 0.2984



92.9767, 0.3108, 0.3192



65.4960, 0.2937, 0.3090



19.6266, 0.3105, 0.3173



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.



63.1726, 0.3066, 0.2984



75.4676, 0.3049, 0.2907



64.5766, 0.3168, 0.3030



14.3432, 0.3081, 0.3054



6.8448, 0.2327, 0.1056



0.5576, 0.2456, 0.1127

Inverse Universe

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



63.8276, 0.3271, 0.3181



76.4963, 0.3312, 0.3154



73.5867, 0.3089, 0.3565



14.4530, 0.3236, 0.3206



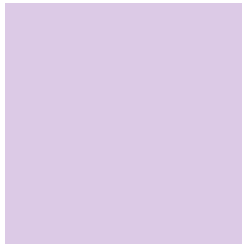
9.8945, 0.5538, 0.2824



0.7484, 0.5134, 0.2602

Previews

White Background



This preview shows how the Yxy color 63.1699, 0.3066, 0.2984 looks on a white background.

Color Contrast Check

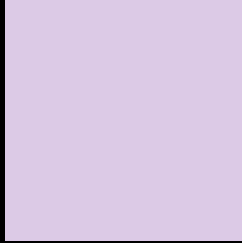
Large Text (above 18pt) WCAG AA × Fail

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 63.1699, 0.3066, 0.2984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

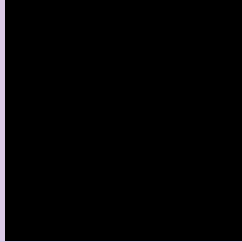
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

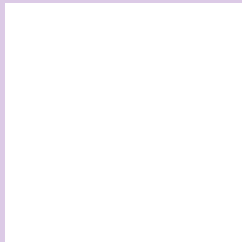
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.1699, 0.3066, 0.2984

Background



This preview shows how black text looks on a background with the Yxy color 63.1699, 0.3066, 0.2984.



This preview shows how white text looks on a background with the Yxy color 63.1699, 0.3066, 0.2984.

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

63.1699, 0.3066, 0.2984

Protanopia

63.4880, 0.2937, 0.2998

Deuteranopia

63.3305, 0.3051, 0.2993



Tritanopia

63.2585, 0.3120, 0.3112

Trichromacy



Original Color

63.1699, 0.3066, 0.2984

Protanomaly

63.1905, 0.2979, 0.2989

Deuteranomaly

63.4851, 0.3059, 0.2994

Tritanomaly

63.1538, 0.3100, 0.3058

Monochromacy



Original Color

63.1699, 0.3066, 0.2984

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.4698, 0.3103, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1699, 0.3066, 0.2984 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, 202, 230)` looks like.

```
.text, #text, p{  
    color:rgb(220, 202, 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, 202, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 202, 230) }
```

Border

The CSS property to change the border of an element to Yxy 63.1699, 0.3066, 0.2984 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, 202, 230) }
```

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

```
.border{ border-color:rgb(220, 202, 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, 202, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 202, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 202, 230);  
box-shadow:4px 4px 4px 4px rgb(220, 202,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1699, 0.3066, 0.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 202, 230) }
```

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

```
.background{ background-color: rgb(220,  
202, 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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