

Converting Colors

$Yxy(65.5744, 0.2997, 0.3065)$

Have a look what the booklet for
Yxy(65.5744, 0.2997, 0.3065)
contains.

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Color

Yxy(65.6552, 0.3000, 0.3068)

Conversions

Conversions Part 1

Format	Color
Hex	D3D2E6
RGB	211, 210, 230
RGB Percent	83%, 82%, 90%
CMY	0.1724, 0.1765, 0.0981
CMYK	0.08, 0.09, 0.00, 0.10
HSL	243°, 29%, 86%
HSV	243°, 9%, 90%
XYZ	64.2000, 65.6552, 84.1448
YIQ	212.5790, -5.8240, 6.4320

Conversions

Conversions Part 2

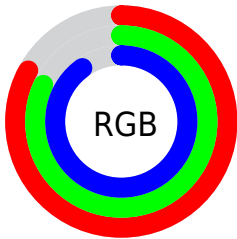
Format	Color
R _Y B	211, 210, 230
Decimal	13882086
CIE Lab	84.82, 4.13, -9.71
CIE LCh	85, 10.550, 293.054
Yxy	65.6552, 0.3000, 0.3068
Android (android.graphics.Color)	4292072166 (0xFFD3D2E6)
YUV	212.5790, 8.5886, -1.3848
Hunter-Lab	81.0279, -0.3697, -4.8512

Details

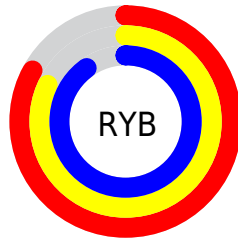
The Yxy color **65.6552, 0.3000, 0.3068** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.8916, 0.3249, 0.3504**, and the grayscale version is **66.1929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.9400, 0.2960, 0.3013** is the 20% darker color. If you saturate the color by 10%, you get **52.1009, 0.2835, 0.2782**, and if you desaturate by 10%, it is **81.2837, 0.3145, 0.3321**.

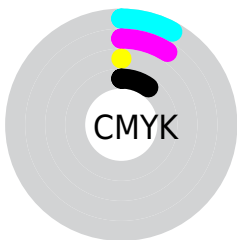
Distribution



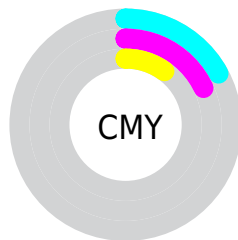
- Red (83%)
- Green (82%)
- Blue (90%)



- Red (83%)
- Yellow (82%)
- Blue (90%)



- Cyan (8%)
- Magenta (9%)
- Yellow (0%)
- Black (10%)



- Cyan (17%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.6552, 0.3000, 0.3068 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 65.6552, 0.3000, 0.3068 by changing the saturation by 10% instead.

65.6552, 0.3000,
0.3068

65.6552, 0.3000,
0.3068

445.1427, 0.3060,
0.3172

47.9926, 0.2986,
0.3044

112.9913, 0.3021,
0.3104

33.8210, 0.2968,
0.3015

143.4336, 0.3029,
0.3118

22.7561, 0.2946,
0.2977

178.9045, 0.3036,
0.3130

14.4135, 0.2916,
0.2927

219.7884, 0.3042,
0.3141

8.4088, 0.2874,
0.2859

266.4699, 0.3048,
0.3150

4.3577, 0.2812,
0.2760

319.3331, 0.3052,

1.8756, 0.2711,

0.3158

0.2602

378.7626, 0.3056,
0.3165

■ 0.5336, 0.2500,
0.2194

■ 0.0000, 0.0000,
0.0000

■ 65.6552, 0.3000,
0.3068

■ 65.6552, 0.3000,
0.3068

■ 52.1009, 0.2835,
0.2782

■ 81.2837, 0.3145,
0.3321

■ 40.5257, 0.2650,
0.2464

■ 98.4241, 0.3271,
0.3533

■ 30.8396, 0.2449,
0.2121

■ 98.4927, 0.3274,
0.3532

■ 22.9422, 0.2239,
0.1768

■ 16.7239, 0.2032,
0.1424

■ 12.0633, 0.1843,
0.1116

■ 8.8221, 0.1688,
0.0868

■ 6.8382, 0.1578,
0.0701

■ 5.8781, 0.1517,
0.0615

Harmonies

Analogous

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



65.6552, 0.2908, 0.3087



65.6552, 0.3000, 0.3068



65.6552, 0.3128, 0.3106

Triad

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



65.6552, 0.3000, 0.3068



65.6552, 0.3387, 0.3412



65.6552, 0.2996, 0.3392

Complementary

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



65.6552, 0.3000, 0.3068



77.8916, 0.3249, 0.3504

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.



65.6552, 0.3123, 0.3484



65.6552, 0.3000, 0.3068



65.6552, 0.3350, 0.3493

Square

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



65.6552, 0.3000, 0.3068



65.6552, 0.3353, 0.3302



65.6552, 0.3252, 0.3521



65.6552, 0.2906, 0.3272

Rectangle

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



65.6552, 0.3000, 0.3068



65.6552, 0.3216, 0.3159



65.6552, 0.3252, 0.3521



65.6552, 0.3036, 0.3427

Sweetspot

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



65.6580, 0.3000, 0.3068



93.8664, 0.3085, 0.3216



75.4478, 0.2993, 0.3279



19.7492, 0.3073, 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.



65.6580, 0.3000, 0.3068



80.4963, 0.2979, 0.3031



67.1746, 0.3072, 0.3073



13.9228, 0.2988, 0.3047



3.2945, 0.1517, 0.0609



0.2562, 0.1563, 0.0635

Inverse Universe

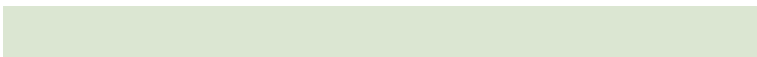
The Inverse Universe completely reimagines the original color for something new.



68.5667, 0.3144, 0.3088



84.7104, 0.3147, 0.3056



76.3010, 0.3179, 0.3508



14.6016, 0.3146, 0.3070



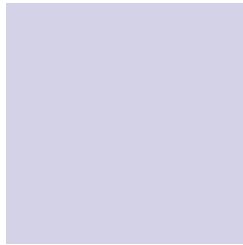
12.3961, 0.3344, 0.1616



0.9200, 0.3322, 0.1604

Previews

White Background



This preview shows how the Yxy color 65.6552, 0.3000, 0.3068 looks on a white background.

Color Contrast Check

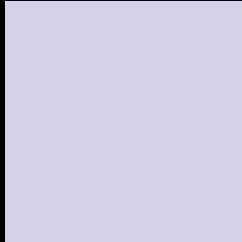
Large Text (above 18pt) WCAG AA × Fail

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 65.6552, 0.3000, 0.3068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

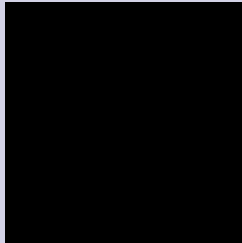
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

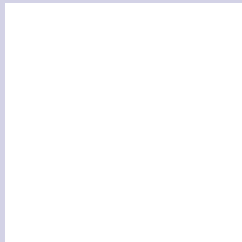
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.6552, 0.3000, 0.3068

Background



This preview shows how black text looks on a background with the Yxy color 65.6552, 0.3000, 0.3068.

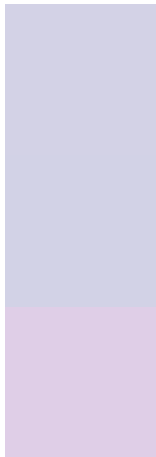


This preview shows how white text looks on a background with the Yxy color 65.6552, 0.3000, 0.3068.

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

65.6552, 0.3000, 0.3068

Protanopia

65.5080, 0.2993, 0.3068

Deuteranopia

65.6001, 0.3080, 0.3019



Tritanopia

65.4881, 0.3019, 0.3101

Trichromacy



Original Color

65.6552, 0.3000, 0.3068

Protanomaly

65.5080, 0.2993, 0.3068

Deuteranomaly

65.4552, 0.3051, 0.3028

Tritanomaly

65.5435, 0.3013, 0.3090

Monochromacy



Original Color

65.6552, 0.3000, 0.3068

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.1985, 0.3080, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6552, 0.3000, 0.3068 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(211, 210, 230)` looks like.

```
.text, #text, p{  
    color:rgb(211, 210, 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(211, 210, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 210, 230) }
```

Border

The CSS property to change the border of an element to Yxy 65.6552, 0.3000, 0.3068 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(211, 210, 230) }
```

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

```
.border{ border-color:rgb(211, 210, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 210, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 210, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 210, 230);  
box-shadow:4px 4px 4px 4px rgb(211, 210,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6552, 0.3000, 0.3068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 210, 230) }
```

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

```
.background{ background-color: rgb(211,  
210, 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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