

Converting Colors

Yxy(63.7156, 0.3095, 0.3165)

Have a look what the booklet for
Yxy(63.7156, 0.3095, 0.3165)
contains.

Yxy(63.8337, 0.3096, 0.3166)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(63.8337, 0.3096, 0.3166)

Conversions

Conversions Part 1

Format	Color
Hex	D5CFDA
RGB	213, 207, 218
RGB Percent	84%, 81%, 85%
CMY	0.1645, 0.1883, 0.1451
CMYK	0.02, 0.05, 0.00, 0.15
HSL	273°, 13%, 83%
HSV	273°, 5%, 85%
XYZ	62.4223, 63.8337, 75.3665
YIQ	210.0480, 0.0450, 4.6930

Conversions

Conversions Part 2

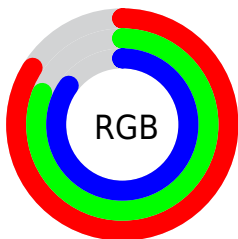
Format	Color
R _Y B	213, 207, 218
Decimal	14012378
CIE Lab	83.88, 4.10, -4.71
CIE LCh	84, 6.246, 311.035
Yxy	63.8337, 0.3096, 0.3166
Android (android.graphics.Color)	4292202458 (0xFFD5CFDA)
YUV	210.0480, 3.9203, 2.5889
Hunter-Lab	79.8960, -0.3568, -0.0015

Details

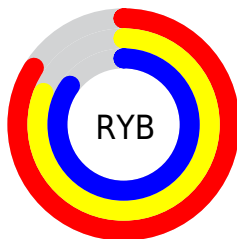
The Yxy color **63.8337, 0.3096, 0.3166** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.6391, 0.3157, 0.3414**, and the grayscale version is **64.4626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.6959, 0.3085, 0.3142** is the 20% darker color. If you saturate the color by 10%, you get **52.5734, 0.3026, 0.2906**, and if you desaturate by 10%, it is **76.6462, 0.3155, 0.3406**.

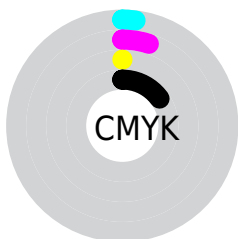
Distribution



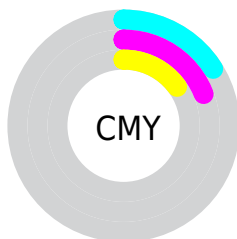
- Red (84%)
- Green (81%)
- Blue (85%)



- Red (84%)
- Yellow (81%)
- Blue (85%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.8337, 0.3096, 0.3166 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 63.8337, 0.3096, 0.3166 by changing the saturation by 10% instead.

■ 63.8337, 0.3096,
0.3166

■ 63.8337, 0.3096,
0.3166

438.5889, 0.3111,
0.3224

■ 46.5160, 0.3092,
0.3152

110.3714, 0.3101,
0.3186

■ 32.6532, 0.3088,
0.3136

140.3602, 0.3103,
0.3194

■ 21.8609, 0.3082,
0.3114

175.3415, 0.3105,
0.3201

■ 13.7547, 0.3074,
0.3085

215.6996, 0.3107,
0.3207

■ 7.9503, 0.3063,
0.3045

261.8190, 0.3108,
0.3212

■ 4.0631, 0.3047,
0.2986

314.0841, 0.3109,

■ 1.7089, 0.3018,

0.3217

0.2890

372.8793, 0.3110,
0.3221

0.4294, 0.2930,
0.2476

0.0000, 0.0000,
0.0000

63.8337, 0.3096,
0.3166

63.8337, 0.3096,
0.3166

52.5734, 0.3026,
0.2906

76.6462, 0.3155,
0.3406

42.7962, 0.2945,
0.2629

91.0601, 0.3204,
0.3624

34.4396, 0.2851,
0.2340

95.5324, 0.3263,
0.3660

27.4338, 0.2747,
0.2049

97.3139, 0.3327,
0.3653

■ 21.7027, 0.2634,
0.1766

■ 97.8425, 0.3345,
0.3651

■ 17.1623, 0.2514,
0.1506

■ 13.7183, 0.2393,
0.1283

■ 11.2615, 0.2276,
0.1107

■ 9.6583, 0.2167,
0.0986

Harmonies

Analogous

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



63.8337, 0.3026, 0.3157



63.8337, 0.3096, 0.3166



63.8337, 0.3176, 0.3207

Triad

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



63.8337, 0.3096, 0.3166



63.8337, 0.3274, 0.3396



63.8337, 0.3013, 0.3309

Complementary

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



63.8337, 0.3096, 0.3166



68.6391, 0.3157, 0.3414

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.



63.8337, 0.3078, 0.3375



63.8337, 0.3096, 0.3166



63.8337, 0.3229, 0.3426

Square

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



63.8337, 0.3096, 0.3166



63.8337, 0.3279, 0.3339



63.8337, 0.3157, 0.3418



63.8337, 0.2978, 0.3238

Rectangle

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



63.8337, 0.3096, 0.3166



63.8337, 0.3223, 0.3248



63.8337, 0.3157, 0.3418



63.8337, 0.3032, 0.3333

Sweetspot

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



63.8364, 0.3096, 0.3166



96.3576, 0.3115, 0.3241



65.3858, 0.3050, 0.3221



20.6627, 0.3116, 0.3244



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.



63.8364, 0.3096, 0.3166



89.3448, 0.3090, 0.3141



64.5590, 0.3137, 0.3174



13.6927, 0.3086, 0.3127



5.4974, 0.2131, 0.0948



0.4070, 0.2299, 0.1040

Inverse Universe

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



64.2754, 0.3176, 0.3235



90.0923, 0.3186, 0.3224



67.9424, 0.3118, 0.3409



13.8189, 0.3192, 0.3218



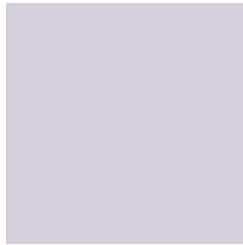
9.4772, 0.5165, 0.2619



0.6312, 0.4766, 0.2399

Previews

White Background



This preview shows how the Yxy color 63.8337, 0.3096, 0.3166 looks on a white background.

Color Contrast Check

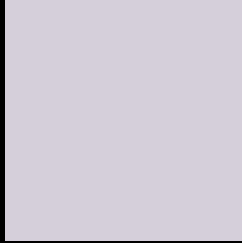
Large Text (above 18pt) WCAG AA × Fail

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 63.8337, 0.3096, 0.3166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

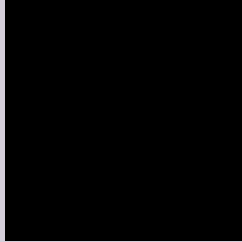
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

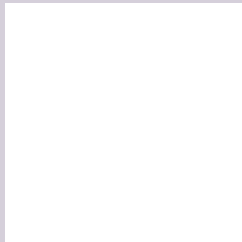
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.8337, 0.3096, 0.3166

Background



This preview shows how black text looks on a background with the Yxy color 63.8337, 0.3096, 0.3166.

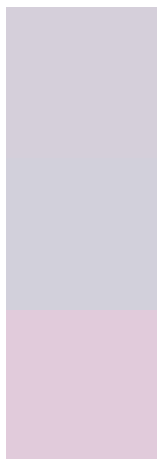


This preview shows how white text looks on a background with the Yxy color 63.8337, 0.3096, 0.3166.

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

63.8337, 0.3096, 0.3166

Protanopia

63.9279, 0.3066, 0.3166

Deuteranopia

63.8339, 0.3181, 0.3115



Tritanopia

63.7665, 0.3069, 0.3100

Trichromacy



Original Color

63.8337, 0.3096, 0.3166

Protanomaly

64.0751, 0.3074, 0.3166

Deuteranomaly

63.6724, 0.3150, 0.3124

Tritanomaly

63.6592, 0.3083, 0.3122

Monochromacy



Original Color

63.8337, 0.3096, 0.3166

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.2539, 0.3114, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8337, 0.3096, 0.3166 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(213, 207, 218) looks like.

```
.text, #text, p{  
    color:rgb(213, 207, 218)  
}
```

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(213, 207, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 207, 218) }
```

Border

The CSS property to change the border of an element to Yxy 63.8337, 0.3096, 0.3166 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(213, 207, 218) }
```

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

```
.border{ border-color:rgb(213, 207, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 207, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 207, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 207, 218);  
box-shadow:4px 4px 4px 4px rgb(213, 207,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8337, 0.3096, 0.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 207, 218) }
```

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

```
.background{ background-color: rgb(213,  
207, 218) }
```

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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