

Converting Colors

$Y_{xy}(63.1039, 0.3120, 0.3179)$

Have a look what the booklet for
Yxy(63.1039, 0.3120, 0.3179)
contains.

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Color

Yxy(63.3451, 0.3124, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	D6CED7
RGB	214, 206, 215
RGB Percent	84%, 81%, 84%
CMY	0.1610, 0.1921, 0.1569
CMYK	0.00, 0.04, 0.00, 0.16
HSL	293°, 10%, 83%
HSV	293°, 4%, 84%
XYZ	62.0540, 63.3451, 73.2372
YIQ	209.4180, 1.8790, 4.4950

Conversions

Conversions Part 2

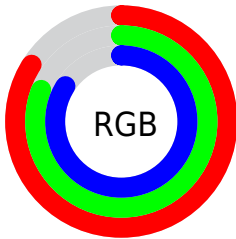
Format	Color
R _Y B	214, 206, 215
Decimal	14077655
CIE Lab	83.62, 4.35, -3.47
CIE LCh	84, 5.561, 321.391
Yxy	63.3451, 0.3124, 0.3189
Android (android.graphics.Color)	4292267735 (0xFFD6CED7)
YUV	209.4180, 2.7519, 4.0184
Hunter-Lab	79.5896, -0.1101, 1.1550

Details

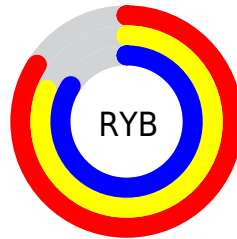
The Yxy color **63.3451, 0.3124, 0.3189** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.3283, 0.3130, 0.3393**, and the grayscale version is **64.0248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.3655, 0.3123, 0.3171** is the 20% darker color. If you saturate the color by 10%, you get **53.3179, 0.3114, 0.2939**, and if you desaturate by 10%, it is **74.7994, 0.3131, 0.3427**.

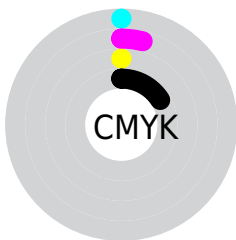
Distribution



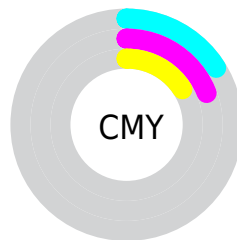
- Red (84%)
- Green (81%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.3451, 0.3124, 0.3189 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 63.3451, 0.3124, 0.3189 by changing the saturation by 10% instead.

■ 63.3451, 0.3124,
0.3189

■ 63.3451, 0.3124,
0.3189

436.8208, 0.3126,
0.3237

■ 46.1204, 0.3124,
0.3178

109.6672, 0.3125,
0.3206

■ 32.3409, 0.3123,
0.3164

139.5335, 0.3125,
0.3212

■ 21.6220, 0.3122,
0.3146

174.3824, 0.3125,
0.3218

■ 13.5794, 0.3121,
0.3123

214.5984, 0.3125,
0.3223

■ 7.8287, 0.3120,
0.3090

260.5659, 0.3125,
0.3227

■ 3.9856, 0.3117,
0.3041

312.6692, 0.3125,

■ 1.6655, 0.3112,

0.3230

0.2961

371.2927, 0.3126,
0.3234

0.4012, 0.3108,
0.2559

0.0000, 0.0000,
0.0000

63.3451, 0.3124,
0.3189

63.3451, 0.3124,
0.3189

53.3179, 0.3114,
0.2939

74.7994, 0.3131,
0.3427

44.6526, 0.3102,
0.2682

87.7265, 0.3135,
0.3650

37.2909, 0.3086,
0.2426

91.8735, 0.3148,
0.3708

31.1671, 0.3067,
0.2179

92.2722, 0.3163,
0.3706

■ 26.2099, 0.3044,
0.1952

■ 92.6768, 0.3179,
0.3704

■ 22.3407, 0.3018,
0.1754

■ 93.0874, 0.3195,
0.3702

■ 19.4710, 0.2990,
0.1595

■ 93.5040, 0.3211,
0.3700

■ 17.4986, 0.2961,
0.1479

■ 93.9266, 0.3227,
0.3698

■ 16.2993, 0.2931,
0.1406

■ 94.3552, 0.3244,
0.3696

Harmonies

Analogous

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



63.3451, 0.3056, 0.3170



63.3451, 0.3124, 0.3189



63.3451, 0.3193, 0.3234

Triad

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



63.3451, 0.3124, 0.3189



63.3451, 0.3248, 0.3397



63.3451, 0.3010, 0.3285

Complementary

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



63.3451, 0.3124, 0.3189



66.3283, 0.3130, 0.3393

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.



63.3451, 0.3061, 0.3347



63.3451, 0.3124, 0.3189



63.3451, 0.3198, 0.3413

Square

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



63.3451, 0.3124, 0.3189



63.3451, 0.3265, 0.3353



63.3451, 0.3129, 0.3394



63.3451, 0.2991, 0.3225

Rectangle

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



63.3451, 0.3124, 0.3189



63.3451, 0.3231, 0.3273



63.3451, 0.3129, 0.3394



63.3451, 0.3024, 0.3306

Sweetspot

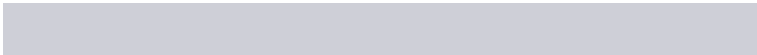
The Sweet Spot groups the original color and five complimentary colors.



63.3478, 0.3124, 0.3189



98.3273, 0.3126, 0.3266



62.7639, 0.3065, 0.3201



21.0637, 0.3126, 0.3267



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.



63.3478, 0.3124, 0.3189



91.8515, 0.3123, 0.3167



63.3387, 0.3155, 0.3226



13.3934, 0.3123, 0.3153



9.5018, 0.2918, 0.1381



0.5944, 0.2971, 0.1410

Inverse Universe

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



63.1089, 0.3188, 0.3278



91.4291, 0.3202, 0.3276



66.3392, 0.3100, 0.3355



13.3241, 0.3211, 0.3274



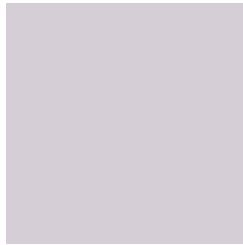
8.6915, 0.6248, 0.3216



0.5323, 0.5887, 0.3017

Previews

White Background



This preview shows how the Yxy color 63.3451, 0.3124, 0.3189 looks on a white background.

Color Contrast Check

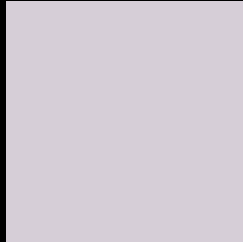
Large Text (above 18pt) WCAG AA × Fail

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 63.3451, 0.3124, 0.3189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

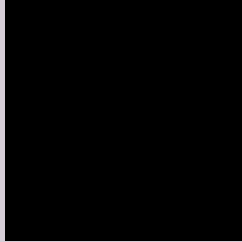
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

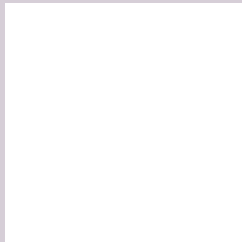
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.3451, 0.3124, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 63.3451, 0.3124, 0.3189.

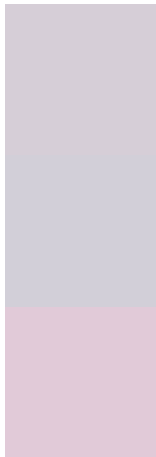


This preview shows how white text looks on a background with the Yxy color 63.3451, 0.3124, 0.3189.

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

63.3451, 0.3124, 0.3189

Protanopia

63.2852, 0.3087, 0.3188

Deuteranopia

63.2065, 0.3204, 0.3136



Tritanopia

63.3302, 0.3090, 0.3111

Trichromacy



Original Color

63.3451, 0.3124, 0.3189

Protanomaly

63.4324, 0.3095, 0.3188

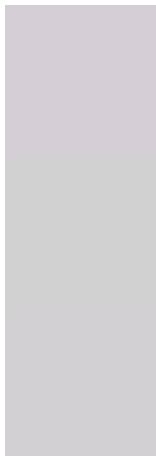
Deuteranomaly

63.0419, 0.3172, 0.3146

Tritanomaly

63.2242, 0.3104, 0.3133

Monochromacy



Original Color

63.3451, 0.3124, 0.3189

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.6638, 0.3129, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3451, 0.3124, 0.3189 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(214, 206, 215)` looks like.

```
.text, #text, p{  
    color:rgb(214, 206, 215)  
}
```

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(214, 206, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 206, 215) }
```

Border

The CSS property to change the border of an element to Yxy 63.3451, 0.3124, 0.3189 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(214, 206, 215) }
```

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

```
.border{ border-color:rgb(214, 206, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 206, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 206, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 206, 215);  
box-shadow:4px 4px 4px 4px rgb(214, 206,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3451, 0.3124, 0.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 206, 215) }
```

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

```
.background{ background-color: rgb(214,  
206, 215) }
```

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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