

Converting Colors

$Yxy(68.5161, 0.3152, 0.3282)$

Have a look what the booklet for
Yxy(68.5161, 0.3152, 0.3282)
contains.

Yxy(68.6188, 0.3150, 0.3279)	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(68.6188, 0.3150, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	DBD7D8
RGB	219, 215, 216
RGB Percent	86%, 84%, 85%
CMY	0.1410, 0.1569, 0.1530
CMYK	0.00, 0.02, 0.01, 0.14
HSL	345°, 5%, 85%
HSV	345°, 2%, 86%
XYZ	65.9192, 68.6188, 74.7294
YIQ	216.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

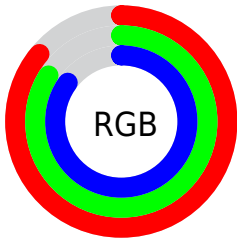
Format	Color
R _Y B	219, 215, 216
Decimal	14407640
CIE Lab	86.31, 1.57, -0.01
CIE LCh	86, 1.570, 359.563
Yxy	68.6188, 0.3150, 0.3279
Android (android.graphics.Color)	4292597720 (0xFFDBD7D8)
YUV	216.3100, -0.1528, 2.3591
Hunter-Lab	82.8365, -2.9178, 4.4981

Details

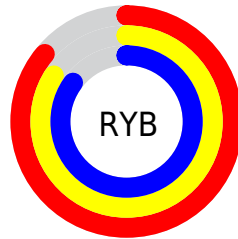
The Yxy color **68.6188, 0.3150, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.2015, 0.3105, 0.3301**, and the grayscale version is **68.8977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.6073, 0.3157, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **57.3919, 0.3290, 0.3217**, and if you desaturate by 10%, it is **81.4310, 0.3037, 0.3336**.

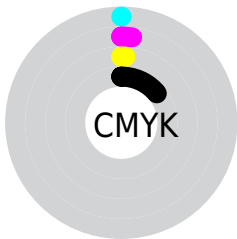
Distribution



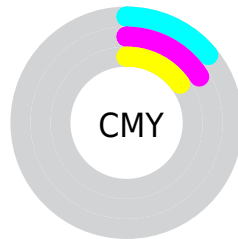
- Red (86%)
- Green (84%)
- Blue (85%)



- Red (86%)
- Yellow (84%)
- Blue (85%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (14%)



- Cyan (14%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.6188, 0.3150, 0.3279 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 68.6188, 0.3150, 0.3279 by changing the saturation by 10% instead.

■ 68.6188, 0.3150,
0.3279

■ 68.6188, 0.3150,
0.3279

455.6853, 0.3139,
0.3284

■ 50.4013, 0.3152,
0.3278

117.2369, 0.3146,
0.3281

■ 35.7324, 0.3156,
0.3276

148.4064, 0.3145,
0.3282

■ 24.2276, 0.3159,
0.3274

184.6620, 0.3144,
0.3282

■ 15.5025, 0.3165,
0.3272

226.3880, 0.3143,
0.3283

■ 9.1728, 0.3172,
0.3268

273.9690, 0.3142,
0.3283

■ 4.8541, 0.3182,
0.3263

327.7893, 0.3141,

■ 2.1619, 0.3199,

0.3284

0.3255

388.2333, 0.3140,
0.3284

0.6991, 0.3248,
0.3231

0.0000, 0.0000,
0.0000

68.6188, 0.3150,
0.3279

68.6188, 0.3150,
0.3279

57.3919, 0.3290,
0.3217

81.4310, 0.3037,
0.3336

47.6800, 0.3462,
0.3152

93.4285, 0.2944,
0.3350

39.4205, 0.3673,
0.3084

93.8085, 0.2912,
0.3289

32.5433, 0.3930,
0.3019

■ 26.9722, 0.4237,
0.2961

■ 22.6237, 0.4590,
0.2919

■ 19.4046, 0.4977,
0.2904

■ 17.2080, 0.5369,
0.2926

■ 15.9063, 0.5726,
0.2989

Harmonies

Analogous

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



68.6188, 0.3132, 0.3265



68.6188, 0.3150, 0.3279



68.6188, 0.3162, 0.3296

Triad

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



68.6188, 0.3150, 0.3279



68.6188, 0.3142, 0.3323



68.6188, 0.3090, 0.3269

Complementary

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



68.6188, 0.3150, 0.3279



70.2015, 0.3105, 0.3301

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.



68.6188, 0.3093, 0.3284



68.6188, 0.3150, 0.3279



68.6188, 0.3123, 0.3316

Square

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



68.6188, 0.3150, 0.3279



68.6188, 0.3157, 0.3322



68.6188, 0.3105, 0.3301



68.6188, 0.3097, 0.3259

Rectangle

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



68.6188, 0.3150, 0.3279



68.6188, 0.3165, 0.3307



68.6188, 0.3105, 0.3301



68.6188, 0.3090, 0.3273

Sweetspot

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



68.6218, 0.3150, 0.3279



98.2606, 0.3139, 0.3284



68.6245, 0.3122, 0.3245



21.0501, 0.3139, 0.3284



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.



68.6218, 0.3150, 0.3279



96.5440, 0.3152, 0.3278



69.0891, 0.3156, 0.3301



14.9862, 0.3150, 0.3279



9.1023, 0.5930, 0.3041



0.6034, 0.5463, 0.2783

Inverse Universe

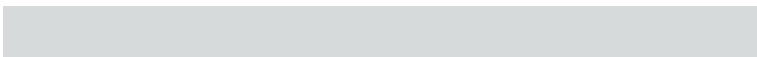
The Inverse Universe completely reimagines the original color for something new.



68.6218, 0.3150, 0.3279



96.5440, 0.3152, 0.3278



69.7255, 0.3099, 0.3279



14.9862, 0.3150, 0.3279



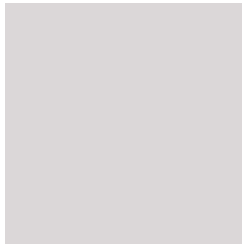
9.1023, 0.5930, 0.3041



0.6034, 0.5463, 0.2783

Previews

White Background



This preview shows how the Yxy color 68.6188, 0.3150, 0.3279 looks on a white background.

Color Contrast Check

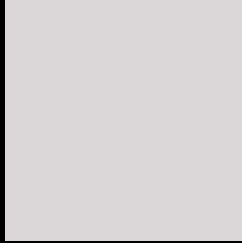
Large Text (above 18pt) WCAG AA × Fail

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 68.6188, 0.3150, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

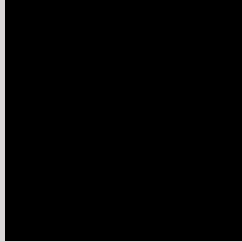
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

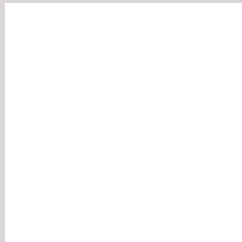
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.6188, 0.3150, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 68.6188, 0.3150, 0.3279.

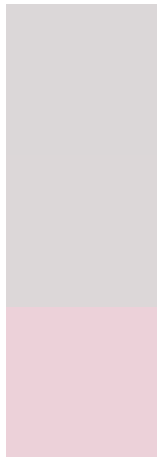


This preview shows how white text looks on a background with the Yxy color 68.6188, 0.3150, 0.3279.

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

68.6188, 0.3150, 0.3279

Protanopia

68.7744, 0.3157, 0.3279

Deuteranopia

68.4435, 0.3274, 0.3205



Tritanopia

68.6738, 0.3071, 0.3106

Trichromacy



Original Color

68.6188, 0.3150, 0.3279

Protanomaly

68.7744, 0.3157, 0.3279

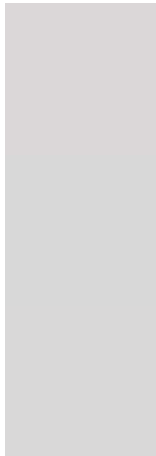
Deuteranomaly

68.4213, 0.3227, 0.3226

Tritanomaly

68.7450, 0.3097, 0.3170

Monochromacy



Original Color

68.6188, 0.3150, 0.3279

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.8213, 0.3134, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.6188, 0.3150, 0.3279 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(219, 215, 216) looks like.

```
.text, #text, p{  
    color:rgb(219, 215, 216)  
}
```

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(219, 215, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 215, 216) }
```

Border

The CSS property to change the border of an element to Yxy 68.6188, 0.3150, 0.3279 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(219, 215, 216) }
```

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

```
.border{ border-color:rgb(219, 215, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 215, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 215, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 215, 216);  
box-shadow:4px 4px 4px 4px rgb(219, 215,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 68.6188, 0.3150, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 215, 216) }
```

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

```
.background{ background-color: rgb(219,  
215, 216) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor