

Converting Colors

$Yxy(68.6707, 0.3143, 0.3268)$

Have a look what the booklet for
Yxy(68.6707, 0.3143, 0.3268)
contains.

Yxy(68.6707, 0.3143, 0.3268)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(68.6707, 0.3143, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	DBD7D9
RGB	219, 215, 217
RGB Percent	86%, 84%, 85%
CMY	0.1411, 0.1569, 0.1490
CMYK	0.00, 0.02, 0.01, 0.14
HSL	330°, 5%, 85%
HSV	330°, 2%, 86%
XYZ	66.0441, 68.6707, 75.4159
YIQ	216.4240, 1.7420, 1.4700

Conversions

Conversions Part 2

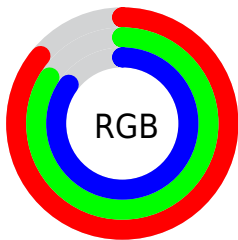
Format	Color
R _Y B	219, 215, 217
Decimal	14407641
CIE Lab	86.34, 1.74, -0.51
CIE LCh	86, 1.810, 343.768
Yxy	68.6707, 0.3143, 0.3268
Android (android.graphics.Color)	4292597721 (0xFFDDBD7D9)
YUV	216.4240, 0.2840, 2.2592
Hunter-Lab	82.8678, -2.7575, 4.0491

Details

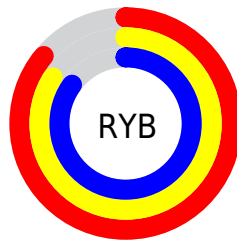
The Yxy color **68.6707, 0.3143, 0.3268** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.1367, 0.3112, 0.3312**, and the grayscale version is **68.9747, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.6428, 0.3148, 0.3261** is the 20% darker color. If you saturate the color by 10%, you get **57.7001, 0.3239, 0.3144**, and if you desaturate by 10%, it is **81.1790, 0.3063, 0.3384**.

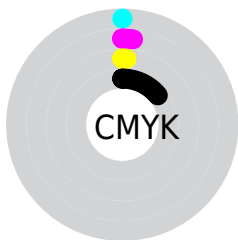
Distribution



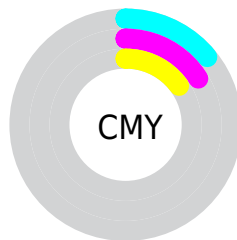
- Red (86%)
- Green (84%)
- Blue (85%)



- 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 68.6707, 0.3143, 0.3268 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 68.6707, 0.3143, 0.3268 by changing the saturation by 10% instead.

■ 68.6707, 0.3143,
0.3268

■ 68.6707, 0.3143,
0.3268

455.8687, 0.3136,
0.3278

■ 50.4436, 0.3145,
0.3266

117.3111, 0.3140,
0.3272

■ 35.7660, 0.3147,
0.3263

148.4932, 0.3139,
0.3273

■ 24.2535, 0.3150,
0.3259

184.7624, 0.3139,
0.3274

■ 15.5218, 0.3153,
0.3254

226.5031, 0.3138,
0.3275

■ 9.1864, 0.3158,
0.3247

274.0996, 0.3137,
0.3276

■ 4.8630, 0.3165,
0.3237

327.9365, 0.3137,

■ 2.1671, 0.3177,

0.3277

388.3981, 0.3136,
0.3278

0.3220

0.7020, 0.3209,
0.3174

0.0000, 0.0000,
0.0000

68.6707, 0.3143,
0.3268

68.6707, 0.3143,
0.3268

57.7001, 0.3239,
0.3144

81.1790, 0.3063,
0.3384

48.1986, 0.3356,
0.3014

92.8219, 0.2998,
0.3453

40.1057, 0.3495,
0.2881

93.4952, 0.2938,
0.3339

33.3531, 0.3660,
0.2750

93.8047, 0.2912,
0.3289

■ 27.8668, 0.3852,
0.2629

■ 23.5656, 0.4069,
0.2529

■ 20.3588, 0.4307,
0.2461

■ 18.1422, 0.4557,
0.2438

■ 16.7913, 0.4806,
0.2469

Harmonies

Analogous

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



68.6707, 0.3121, 0.3255



68.6707, 0.3143, 0.3268



68.6707, 0.3161, 0.3286

Triad

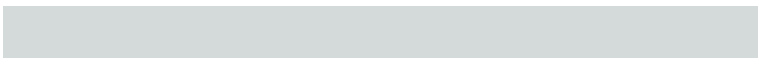
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.6707, 0.3143, 0.3268



68.6707, 0.3154, 0.3329



68.6707, 0.3084, 0.3274

Complementary

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



68.6707, 0.3143, 0.3268



70.1367, 0.3112, 0.3312

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.



68.6707, 0.3093, 0.3294



68.6707, 0.3143, 0.3268



68.6707, 0.3134, 0.3325

Square

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



68.6707, 0.3143, 0.3268



68.6707, 0.3168, 0.3321



68.6707, 0.3111, 0.3313



68.6707, 0.3087, 0.3259

Rectangle

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



68.6707, 0.3143, 0.3268



68.6707, 0.3169, 0.3300



68.6707, 0.3111, 0.3313



68.6707, 0.3086, 0.3280

Sweetspot

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



68.6737, 0.3143, 0.3268



98.3012, 0.3136, 0.3278



68.4692, 0.3115, 0.3245



21.0584, 0.3135, 0.3279



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.



68.6737, 0.3143, 0.3268



96.6245, 0.3145, 0.3266



68.5702, 0.3157, 0.3290



14.9979, 0.3143, 0.3267



9.6011, 0.4968, 0.2510



0.6394, 0.4604, 0.2310

Inverse Universe

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



68.6737, 0.3143, 0.3268



96.6245, 0.3145, 0.3266



70.2414, 0.3098, 0.3290



14.9979, 0.3143, 0.3267



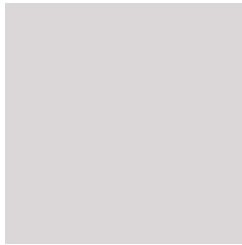
9.6011, 0.4968, 0.2510



0.6394, 0.4604, 0.2310

Previews

White Background



This preview shows how the Yxy color 68.6707, 0.3143, 0.3268 looks on a white background.

Color Contrast Check

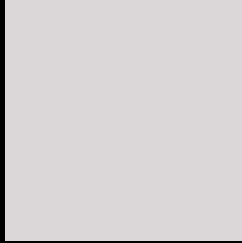
Large Text (above 18pt) WCAG AA × Fail

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 68.6707, 0.3143, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

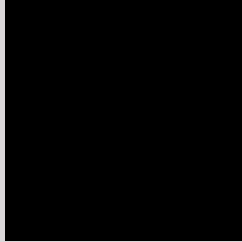
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

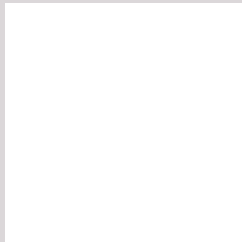
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.6707, 0.3143, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 68.6707, 0.3143, 0.3268.

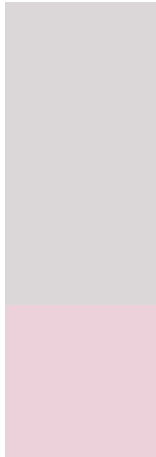


This preview shows how white text looks on a background with the Yxy color 68.6707, 0.3143, 0.3268.

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

68.6707, 0.3143, 0.3268

Protanopia

68.6707, 0.3143, 0.3268

Deuteranopia

68.4958, 0.3267, 0.3195



Tritanopia

68.6738, 0.3071, 0.3106

Trichromacy



Original Color

68.6707, 0.3143, 0.3268

Protanomaly

68.6707, 0.3143, 0.3268

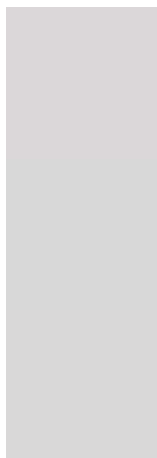
Deuteranomaly

68.4735, 0.3220, 0.3215

Tritanomaly

68.7450, 0.3097, 0.3170

Monochromacy



Original Color

68.6707, 0.3143, 0.3268

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 68.6707, 0.3143, 0.3268 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(219, 215, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 215, 217) }
```

Border

The CSS property to change the border of an element to Yxy 68.6707, 0.3143, 0.3268 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, 217) }
```

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

```
.border{ border-color:rgb(219, 215, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 215, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 215, 217);  
box-shadow:4px 4px 4px 4px rgb(219, 215,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 68.6707, 0.3143, 0.3268 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, 217) }
```

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

```
.background{ background-color: rgb(219,  
215, 217) }
```

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