

Converting Colors

$Yxy(68.8304, 0.3287, 0.3654)$

Have a look what the booklet for
Yxy(68.8304, 0.3287, 0.3654)
contains.

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Color

Yxy(68.8143, 0.3284, 0.3656)

Conversions

Conversions Part 1

Format	Color
Hex	D4DCBC
RGB	212, 220, 188
RGB Percent	83%, 86%, 74%
CMY	0.1688, 0.1372, 0.2628
CMYK	0.04, 0.00, 0.15, 0.14
HSL	75°, 31%, 80%
HSV	75°, 15%, 86%
XYZ	61.8124, 68.8143, 57.5962
YIQ	213.9600, 5.5040, -11.6480

Conversions

Conversions Part 2

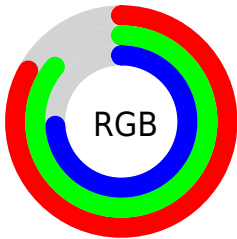
Format	Color
R _{YB}	188, 220, 196
Decimal	13950140
CIE Lab	86.41, -8.24, 14.82
CIE LCh	86, 16.958, 119.060
Yxy	68.8143, 0.3284, 0.3656
Android (android.graphics.Color)	4292140220 (0xFFD4DCBC)
YUV	213.9600, -12.7983, -1.7189
Hunter-Lab	82.9544, -12.1632, 16.9023

Details

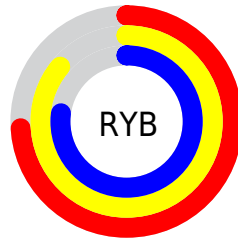
The Yxy color **68.8143, 0.3284, 0.3656** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.8736, 0.2955, 0.2911**, and the grayscale version is **67.2994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **35.8276, 0.3315, 0.3743** is the 20% darker color. If you saturate the color by 10%, you get **67.1313, 0.3392, 0.3922**, and if you desaturate by 10%, it is **70.6762, 0.3176, 0.3401**.

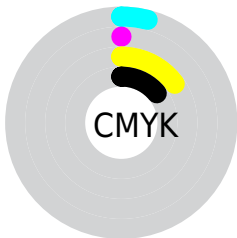
Distribution



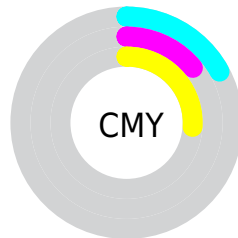
- Red (83%)
- Green (86%)
- Blue (74%)



- Red (74%)
- Yellow (86%)
- Blue (77%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)
- Black (14%)





- Cyan (17%)
- Magenta (14%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.8143, 0.3284, 0.3656 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 68.8143, 0.3284, 0.3656 by changing the saturation by 10% instead.


 68.8143, 0.3284,
0.3656

 68.8143, 0.3284,
0.3656


456.3757, 0.3212,
0.3482

 50.5605, 0.3300,
0.3697


 117.5163, 0.3259,
0.3595

 35.8589, 0.3320,
0.3748


148.7333, 0.3250,
0.3571

 24.3253, 0.3345,
0.3813


185.0401, 0.3241,
0.3551

 15.5751, 0.3377,
0.3900

226.8212, 0.3234,
0.3534

 9.2240, 0.3420,
0.4022

274.4609, 0.3227,
0.3518

 4.8876, 0.3478,
0.4203

328.3436, 0.3222,

 2.1814, 0.3562,

0.3505

0.4497

388.8538, 0.3217,
0.3493

0.7098, 0.4002,
0.5998

0.0000, 0.0000,
0.0000

68.8143, 0.3284,
0.3656

68.8143, 0.3284,
0.3656

67.1313, 0.3392,
0.3922

70.6762, 0.3176,
0.3401

65.6113, 0.3495,
0.4193

72.7143, 0.3070,
0.3162

64.2501, 0.3590,
0.4460

74.9376, 0.2969,
0.2941

63.0397, 0.3670,
0.4713

75.9248, 0.3000,
0.2935

■ 61.9713, 0.3730,
0.4939

■ 76.8768, 0.3037,
0.2939

■ 61.0352, 0.3767,
0.5127

■ 77.8584, 0.3075,
0.2943

■ 60.2201, 0.3778,
0.5271

■ 78.8697, 0.3113,
0.2947

■ 59.5123, 0.3765,
0.5367

■ 79.6755, 0.3143,
0.2950

■ 59.1596, 0.3750,
0.5405

Harmonies

Analogous

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



68.8143, 0.3455, 0.3628



68.8143, 0.3284, 0.3656



68.8143, 0.3075, 0.3578

Triad

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



68.8143, 0.3284, 0.3656



68.8143, 0.2733, 0.3053



68.8143, 0.3370, 0.3166

Complementary

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



68.8143, 0.3284, 0.3656



52.8736, 0.2955, 0.2911

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.



68.8143, 0.3169, 0.3025



68.8143, 0.3284, 0.3656



68.8143, 0.2805, 0.2957

Square

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



68.8143, 0.3284, 0.3656



68.8143, 0.2762, 0.3219



68.8143, 0.2962, 0.2949



68.8143, 0.3507, 0.3341

Rectangle

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



68.8143, 0.3284, 0.3656



68.8143, 0.2943, 0.3475



68.8143, 0.2962, 0.2949



68.8143, 0.3307, 0.3114

Sweetspot

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



68.8173, 0.3284, 0.3656



98.8770, 0.3170, 0.3388



58.3281, 0.3383, 0.3383



21.1195, 0.3178, 0.3407



0.0000, 0.0000, 0.0000



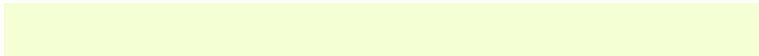
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.8173, 0.3284, 0.3656



95.5060, 0.3312, 0.3724



66.5616, 0.3167, 0.3669



15.0904, 0.3228, 0.3524



34.7693, 0.3757, 0.5399



2.2923, 0.3831, 0.5340

Inverse Universe

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



52.8736, 0.2955, 0.2911



69.7495, 0.2921, 0.2837



55.1301, 0.3080, 0.2925



12.7746, 0.3020, 0.3051



3.5597, 0.1650, 0.0683



0.2714, 0.1818, 0.0775

Previews

White Background



This preview shows how the Yxy color 68.8143, 0.3284, 0.3656 looks on a white background.

Color Contrast Check

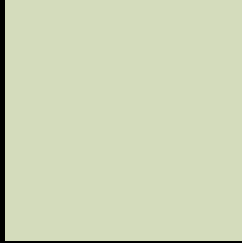
Large Text (above 18pt) WCAG AA × Fail

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 68.8143, 0.3284, 0.3656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

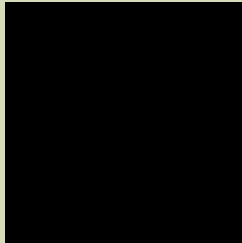
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

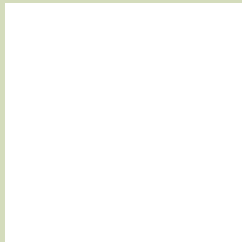
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.8143, 0.3284, 0.3656

Background



This preview shows how black text looks on a background with the Yxy color 68.8143, 0.3284, 0.3656.

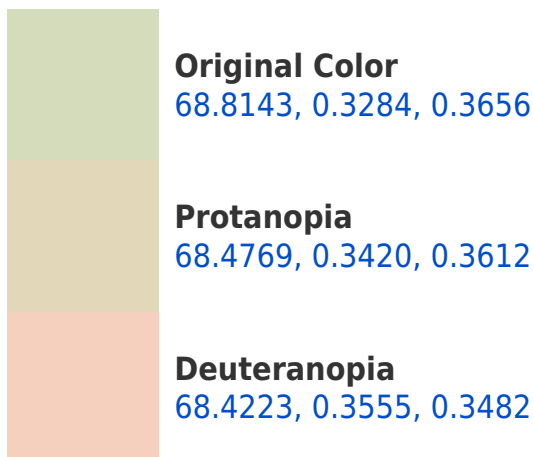


This preview shows how white text looks on a background with the Yxy color 68.8143, 0.3284, 0.3656.

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

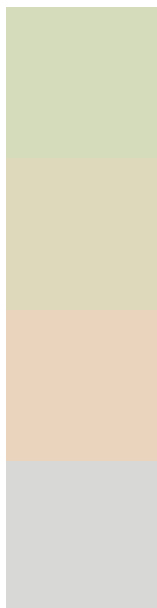




Tritanopia

68.7681, 0.3042, 0.3105

Trichromacy



Original Color

68.8143, 0.3284, 0.3656

Protanomaly

68.7432, 0.3371, 0.3626

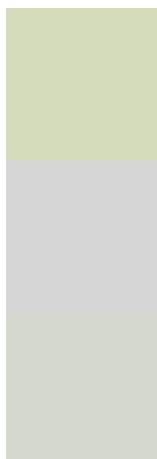
Deuteranomaly

68.2535, 0.3459, 0.3542

Tritanomaly

68.6170, 0.3134, 0.3301

Monochromacy



Original Color

68.8143, 0.3284, 0.3656

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.6656, 0.3180, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8143, 0.3284, 0.3656 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(212, 220, 188)` looks like.

```
.text, #text, p{  
    color:rgb(212, 220, 188)  
}
```

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(212, 220, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 220, 188) }
```

Border

The CSS property to change the border of an element to Yxy 68.8143, 0.3284, 0.3656 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(212, 220, 188) }
```

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

```
.border{ border-color:rgb(212, 220, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 220, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 220, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 220, 188);  
box-shadow:4px 4px 4px 4px rgb(212, 220,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8143, 0.3284, 0.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 220, 188) }
```

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

```
.background{ background-color: rgb(212,  
220, 188) }
```

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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