

Converting Colors

Yxy(68.6431, 0.3250, 0.3590)

Have a look what the booklet for
Yxy(68.6431, 0.3250, 0.3590)
contains.

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Color

Yxy(68.5103, 0.3251, 0.3587)

Conversions

Conversions Part 1

Format	Color
Hex	D4DBC1
RGB	212, 219, 193
RGB Percent	83%, 86%, 76%
CMY	0.1689, 0.1411, 0.2432
CMYK	0.03, 0.00, 0.12, 0.14
HSL	76°, 27%, 81%
HSV	76°, 12%, 86%
XYZ	62.0928, 68.5103, 60.3930
YIQ	213.9430, 4.1740, -9.5700

Conversions

Conversions Part 2

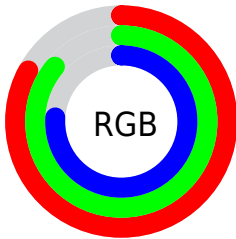
Format	Color
RYB	193, 219, 200
Decimal	13949889
CIELab	86.26, -6.93, 11.99
CIELCh	86, 13.846, 120.042
Yxy	68.5103, 0.3251, 0.3587
Android (android.graphics.Color)	4292139969 (0xFFD4DBC1)
YUV	213.9430, -10.3249, -1.7040
Hunter-Lab	82.7709, -10.9426, 14.6793

Details

The Yxy color **68.5103, 0.3251, 0.3587** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5384, 0.2994, 0.2985**, and the grayscale version is **67.2682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **35.5831, 0.3281, 0.3667** is the 20% darker color. If you saturate the color by 10%, you get **66.7375, 0.3356, 0.3852**, and if you desaturate by 10%, it is **70.4666, 0.3147, 0.3336**.

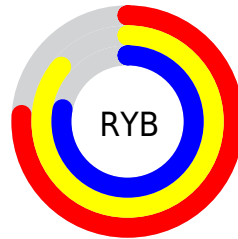
Distribution



Red (83%)

Green (86%)

Blue (76%)



Red (76%)

Yellow (86%)

Blue (78%)

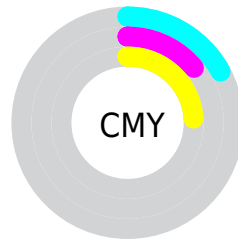


Cyan (3%)

Magenta (0%)

Yellow (12%)

Black (14%)



Cyan (17%)

Magenta (14%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.5103, 0.3251, 0.3587 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 68.5103, 0.3251, 0.3587 by changing the saturation by 10% instead.

68.5103, 0.3251,
0.3587

68.5103, 0.3251,
0.3587

455.3019, 0.3194,
0.3446

50.3130, 0.3264,
0.3620

117.0819, 0.3231,
0.3537

35.6622, 0.3280,
0.3661

148.2249, 0.3224,
0.3518

24.1734, 0.3300,
0.3714

184.4520, 0.3217,
0.3502

15.4623, 0.3326,
0.3785

226.1475, 0.3211,
0.3488

9.1445, 0.3361,
0.3884

273.6959, 0.3206,
0.3476

4.8355, 0.3410,
0.4031

327.4815, 0.3202,

2.1511, 0.3483,

0.3465

0.4272

387.8887, 0.3198,
0.3455

0.6931, 0.4139,
0.5861

0.0000, 0.0000,
0.0000

68.5103, 0.3251,
0.3587

68.5103, 0.3251,
0.3587

66.7375, 0.3356,
0.3852

70.4666, 0.3147,
0.3336

65.1324, 0.3457,
0.4124

72.6037, 0.3045,
0.3101

63.6911, 0.3551,
0.4396

74.6905, 0.2971,
0.2921

62.4056, 0.3631,
0.4657

75.6932, 0.3011,
0.2926

■ 61.2675, 0.3694,
0.4895

■ 76.7299, 0.3052,
0.2930

■ 60.2674, 0.3734,
0.5099

■ 77.8010, 0.3093,
0.2935

■ 59.3945, 0.3748,
0.5259

■ 78.9069, 0.3134,
0.2939

■ 58.6359, 0.3738,
0.5371

■ 79.1563, 0.3144,
0.2940

■ 58.0872, 0.3714,
0.5433

Harmonies

Analogous

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



68.5103, 0.3391, 0.3568



68.5103, 0.3251, 0.3587



68.5103, 0.3080, 0.3520

Triad

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



68.5103, 0.3251, 0.3587



68.5103, 0.2804, 0.3093



68.5103, 0.3330, 0.3193

Complementary

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



68.5103, 0.3251, 0.3587



55.5384, 0.2994, 0.2985

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.



68.5103, 0.3168, 0.3075



68.5103, 0.3251, 0.3587



68.5103, 0.2866, 0.3015

Square

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



68.5103, 0.3251, 0.3587



68.5103, 0.2825, 0.3229



68.5103, 0.2998, 0.3010



68.5103, 0.3439, 0.3338

Rectangle

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



68.5103, 0.3251, 0.3587



68.5103, 0.2972, 0.3436



68.5103, 0.2998, 0.3010



68.5103, 0.3280, 0.3149

Sweetspot

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



68.5133, 0.3251, 0.3587



98.8374, 0.3169, 0.3388



60.1890, 0.3331, 0.3370



21.1095, 0.3177, 0.3407



0.0000, 0.0000, 0.0000



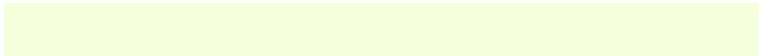
21.4041, 0.3127, 0.3290

Same Dimension

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



68.5133, 0.3251, 0.3587



96.1131, 0.3274, 0.3645



66.6763, 0.3156, 0.3596



15.0764, 0.3225, 0.3524



34.4906, 0.3722, 0.5427



2.2762, 0.3801, 0.5364

Inverse Universe

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



55.5384, 0.2994, 0.2985



74.7011, 0.2966, 0.2924



57.3873, 0.3093, 0.2994



12.7879, 0.3023, 0.3051



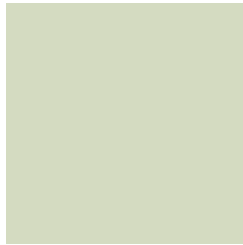
3.6421, 0.1673, 0.0695



0.2783, 0.1845, 0.0790

Previews

White Background



This preview shows how the Yxy color 68.5103, 0.3251, 0.3587 looks on a white background.

Color Contrast Check

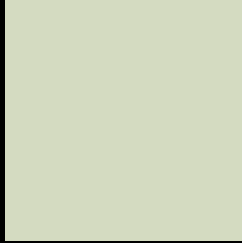
Large Text (above 18pt) WCAG AA × Fail

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 68.5103, 0.3251, 0.3587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

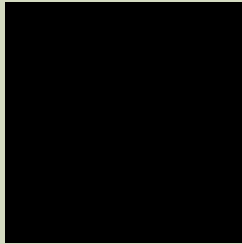
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

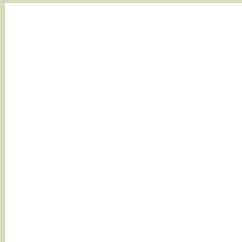
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.5103, 0.3251, 0.3587

Background



This preview shows how black text looks on a background with the Yxy color 68.5103, 0.3251, 0.3587.



This preview shows how white text looks on a background with the Yxy color 68.5103, 0.3251, 0.3587.

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

68.5103, 0.3251, 0.3587

Protanopia

68.3700, 0.3369, 0.3557

Deuteranopia

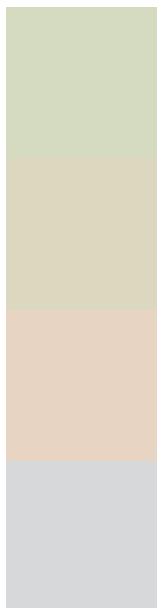
68.2850, 0.3501, 0.3429



Tritanopia

68.5580, 0.3042, 0.3115

Trichromacy



Original Color

68.5103, 0.3251, 0.3587

Protanomaly

68.1331, 0.3322, 0.3560

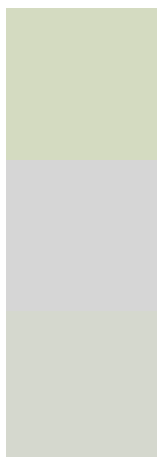
Deuteranomaly

68.1378, 0.3407, 0.3487

Tritanomaly

68.5686, 0.3113, 0.3279

Monochromacy



Original Color

68.5103, 0.3251, 0.3587

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.7141, 0.3173, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5103, 0.3251, 0.3587 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, 219, 193)` looks like.

```
.text, #text, p{  
    color:rgb(212, 219, 193)  
}
```

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, 219, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 219, 193) }
```

Border

The CSS property to change the border of an element to Yxy 68.5103, 0.3251, 0.3587 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, 219, 193) }
```

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

```
.border{ border-color:rgb(212, 219, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 219, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 219, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 219, 193);  
box-shadow:4px 4px 4px 4px rgb(212, 219,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 68.5103, 0.3251, 0.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 219, 193) }
```

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

```
.background{ background-color: rgb(212,  
219, 193) }
```

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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