

Converting Colors

$Yxy(68.8287, 0.3239, 0.3438)$

Have a look what the booklet for
Yxy(68.8287, 0.3239, 0.3438)
contains.

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Color

Yxy(68.9976, 0.3237, 0.3446)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DBD9CB |
| RGB | 219, 217, 203 |
| RGB Percent | 86%, 85%, 80% |
| CMY | 0.1411, 0.1490, 0.2038 |
| CMYK | 0.00, 0.01, 0.07, 0.14 |
| HSL | 52°, 18%, 83% |
| HSV | 52°, 7%, 86% |
| XYZ | 64.8129, 68.9976, 66.4147 |
| YIQ | 216.0020, 5.6860, -3.9300 |

Conversions

Conversions Part 2

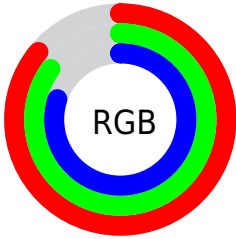
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 205, 219, 203 |
| Decimal | 14408139 |
| CIE Lab | 86.50, -1.73, 7.11 |
| CIE LCh | 87, 7.321, 103.667 |
| Yxy | 68.9976, 0.3237, 0.3446 |
| Android (android.graphics.Color) | 4292598219 (0xFFD9CB) |
| YUV | 216.0020, -6.4100, 2.6292 |
| Hunter-Lab | 83.0648, -6.0854, 10.7399 |

Details

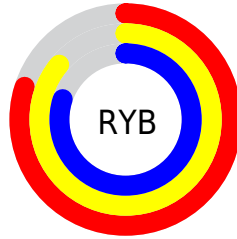
The Yxy color **68.9976, 0.3237, 0.3446** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5019, 0.3015, 0.3129**, and the grayscale version is **68.7170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.9031, 0.3263, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **66.6102, 0.3395, 0.3666**, and if you desaturate by 10%, it is **71.5626, 0.3088, 0.3234**.

Distribution



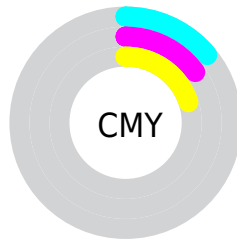
- Red (86%)
- Green (85%)
- Blue (80%)



- Red (80%)
- Yellow (86%)
- Blue (80%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (14%)



- Cyan (14%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.9976, 0.3237, 0.3446 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 68.9976, 0.3237, 0.3446 by changing the saturation by 10% instead.

■ 68.9976, 0.3237,
0.3446

■ 68.9976, 0.3237,
0.3446

457.0225, 0.3186,
0.3373

■ 50.7098, 0.3249,
0.3463

117.7781, 0.3219,
0.3420

■ 35.9777, 0.3263,
0.3484

149.0396, 0.3212,
0.3411

■ 24.4170, 0.3282,
0.3511

185.3945, 0.3206,
0.3402

■ 15.6432, 0.3307,
0.3547

227.2270, 0.3201,
0.3395

■ 9.2720, 0.3340,
0.3596

274.9217, 0.3197,
0.3388

■ 4.9190, 0.3390,
0.3669

328.8629, 0.3193,

■ 2.1998, 0.3468,

0.3382

0.3787

389.4351, 0.3189,
0.3377

0.7199, 0.3895,
0.4367

0.0000, 0.0000,
0.0000

68.9976, 0.3237,
0.3446

68.9976, 0.3237,
0.3446

66.6102, 0.3395,
0.3666

71.5626, 0.3088,
0.3234

64.3851, 0.3559,
0.3890

74.3022, 0.2950,
0.3033

62.3186, 0.3725,
0.4110

76.3086, 0.2902,
0.2981

60.4035, 0.3887,
0.4317

77.8243, 0.2902,
0.3010

■ 58.6320, 0.4039,
0.4501

■ 79.3644, 0.2903,
0.3040

■ 56.9952, 0.4173,
0.4653

■ 80.9292, 0.2904,
0.3069

■ 55.4834, 0.4284,
0.4765

■ 82.5187, 0.2905,
0.3098

■ 54.0850, 0.4369,
0.4832

■ 84.1330, 0.2906,
0.3127

■ 52.7846, 0.4425,
0.4855

■ 85.7724, 0.2907,
0.3156

Harmonies

Analogous

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



68.9976, 0.3292, 0.3415



68.9976, 0.3237, 0.3446



68.9976, 0.3153, 0.3434

Triad

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



68.9976, 0.3237, 0.3446



68.9976, 0.2956, 0.3224



68.9976, 0.3190, 0.3201

Complementary

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



68.9976, 0.3237, 0.3446



61.5019, 0.3015, 0.3129

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.



68.9976, 0.3099, 0.3151



68.9976, 0.3237, 0.3446



68.9976, 0.2965, 0.3163

Square

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



68.9976, 0.3237, 0.3446



68.9976, 0.2991, 0.3304



68.9976, 0.3017, 0.3137



68.9976, 0.3265, 0.3274

Rectangle

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



68.9976, 0.3237, 0.3446



68.9976, 0.3092, 0.3403



68.9976, 0.3017, 0.3137



68.9976, 0.3160, 0.3181

Sweetspot

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



69.0006, 0.3237, 0.3446



99.2642, 0.3157, 0.3333



62.2015, 0.3236, 0.3266



21.2544, 0.3155, 0.3330



0.0000, 0.0000, 0.0000



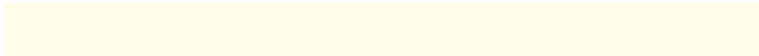
21.4041, 0.3127, 0.3290

Same Dimension

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



69.0006, 0.3237, 0.3446



96.7677, 0.3264, 0.3485



69.1581, 0.3192, 0.3470



14.9676, 0.3270, 0.3492



31.2014, 0.4434, 0.4861



2.1018, 0.4389, 0.4897

Inverse Universe

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



61.5019, 0.3015, 0.3129



83.7768, 0.2987, 0.3088



61.3774, 0.3059, 0.3108



12.8817, 0.2981, 0.3079



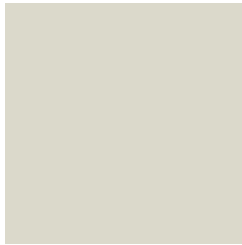
3.6054, 0.1528, 0.0700



0.3227, 0.1591, 0.0926

Previews

White Background



This preview shows how the Yxy color 68.9976, 0.3237, 0.3446 looks on a white background.

Color Contrast Check

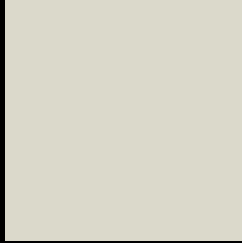
Large Text (above 18pt) WCAG AA × Fail

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 68.9976, 0.3237, 0.3446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

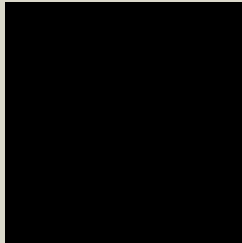
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

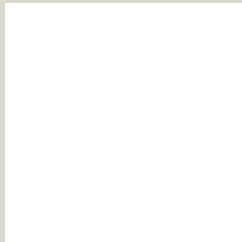
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.9976, 0.3237, 0.3446

Background



This preview shows how black text looks on a background with the Yxy color 68.9976, 0.3237, 0.3446.



This preview shows how white text looks on a background with the Yxy color 68.9976, 0.3237, 0.3446.

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

68.9976, 0.3237, 0.3446

Protanopia

69.2233, 0.3282, 0.3445

Deuteranopia

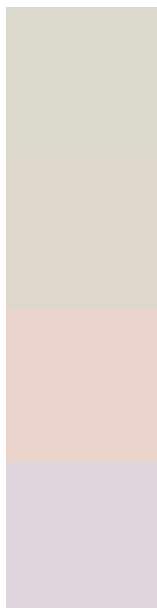
68.8860, 0.3408, 0.3333



Tritanopia

68.9896, 0.3085, 0.3107

Trichromacy



Original Color

68.9976, 0.3237, 0.3446

Protanomaly

68.9056, 0.3267, 0.3446

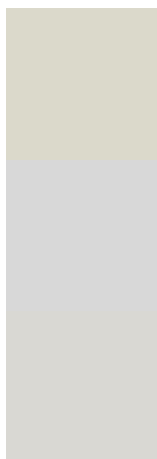
Deuteranomaly

68.9390, 0.3349, 0.3377

Tritanomaly

68.7900, 0.3145, 0.3225

Monochromacy



Original Color

68.9976, 0.3237, 0.3446

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.5666, 0.3168, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9976, 0.3237, 0.3446 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, 217, 203)` looks like.

```
.text, #text, p{  
    color:rgb(219, 217, 203)  
}
```

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, 217, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 217, 203) }
```

Border

The CSS property to change the border of an element to Yxy 68.9976, 0.3237, 0.3446 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, 217, 203) }
```

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

```
.border{ border-color:rgb(219, 217, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 217, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 217, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 217, 203);  
box-shadow:4px 4px 4px 4px rgb(219, 217,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9976, 0.3237, 0.3446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 217, 203) }
```

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

```
.background{ background-color: rgb(219,  
217, 203) }
```

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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