

Converting Colors

Yxy(67.6549, 0.3186, 0.3316)

Have a look what the booklet for
Yxy(67.6549, 0.3186, 0.3316)
contains.

Yxy(67.3517, 0.3185, 0.3312)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.3517, 0.3185, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	DBD5D3
RGB	219, 213, 211
RGB Percent	86%, 84%, 83%
CMY	0.1412, 0.1647, 0.1724
CMYK	0.00, 0.03, 0.04, 0.14
HSL	15°, 10%, 84%
HSV	15°, 4%, 86%
XYZ	64.7691, 67.3517, 71.2358
YIQ	214.5660, 4.2180, 0.6500

Conversions

Conversions Part 2

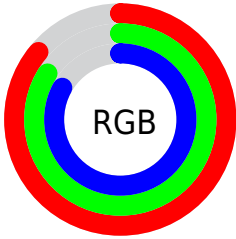
Format	Color
R _Y B	219, 214, 211
Decimal	14407123
CIE Lab	85.68, 1.71, 1.69
CIE LCh	86, 2.405, 44.599
Yxy	67.3517, 0.3185, 0.3312
Android (android.graphics.Color)	4292597203 (0xFFD5D3)
YUV	214.5660, -1.7580, 3.8886
Hunter-Lab	82.0681, -2.7449, 5.9834

Details

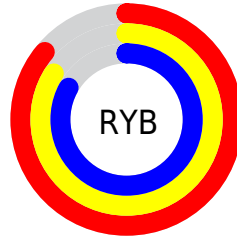
The Yxy color **67.3517, 0.3185, 0.3312** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.6122, 0.3071, 0.3268**, and the grayscale version is **67.6594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.7806, 0.3195, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **58.4503, 0.3365, 0.3376**, and if you desaturate by 10%, it is **77.2524, 0.3035, 0.3253**.

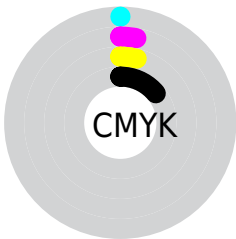
Distribution



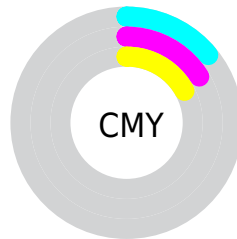
- Red (86%)
- Green (84%)
- Blue (83%)



- Red (86%)
- Yellow (84%)
- Blue (83%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (14%)



- Cyan (14%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.3517, 0.3185, 0.3312 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 67.3517, 0.3185, 0.3312 by changing the saturation by 10% instead.

■ 67.3517, 0.3185,
0.3312

■ 67.3517, 0.3185,
0.3312

451.1956, 0.3158,
0.3302

■ 49.3705, 0.3191,
0.3314

115.4242, 0.3175,
0.3308

■ 34.9135, 0.3199,
0.3317

146.2843, 0.3172,
0.3307

■ 23.5962, 0.3209,
0.3321

182.2062, 0.3169,
0.3306

■ 15.0344, 0.3223,
0.3326

223.5742, 0.3166,
0.3305

■ 8.8435, 0.3241,
0.3333

270.7727, 0.3164,
0.3304

■ 4.6393, 0.3269,
0.3342

324.1862, 0.3161,

■ 2.0372, 0.3314,

0.3303

384.1991, 0.3160,
0.3302

0.3358

0.6289, 0.3485,
0.3427

0.0000, 0.0000,
0.0000

67.3517, 0.3185,
0.3312

67.3517, 0.3185,
0.3312

58.4503, 0.3365,
0.3376

77.2524, 0.3035,
0.3253

50.5083, 0.3581,
0.3443

88.1732, 0.2909,
0.3199

43.4960, 0.3839,
0.3512

93.8005, 0.2911,
0.3289

37.3786, 0.4141,
0.3579

■ 32.1196, 0.4489,
0.3637

■ 27.6794, 0.4871,
0.3677

■ 24.0154, 0.5268,
0.3689

■ 21.0808, 0.5641,
0.3662

■ 18.8233, 0.5948,
0.3593

Harmonies

Analogous

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



67.3517, 0.3173, 0.3286



67.3517, 0.3185, 0.3312



67.3517, 0.3181, 0.3332

Triad

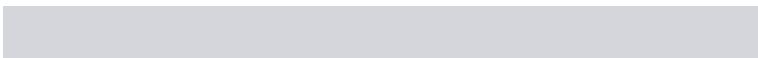
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.3517, 0.3185, 0.3312



67.3517, 0.3105, 0.3320



67.3517, 0.3092, 0.3239

Complementary

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



67.3517, 0.3185, 0.3312



68.6122, 0.3071, 0.3268

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.



67.3517, 0.3074, 0.3248



67.3517, 0.3185, 0.3312



67.3517, 0.3081, 0.3294

Square

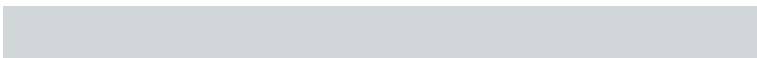
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.3517, 0.3185, 0.3312



67.3517, 0.3135, 0.3337



67.3517, 0.3070, 0.3268



67.3517, 0.3119, 0.3244

Rectangle

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



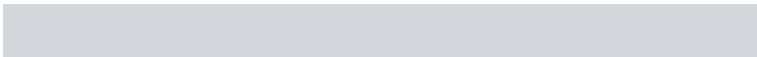
67.3517, 0.3185, 0.3312



67.3517, 0.3170, 0.3340



67.3517, 0.3070, 0.3268



67.3517, 0.3084, 0.3241

Sweetspot

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



67.3546, 0.3185, 0.3312



98.6177, 0.3143, 0.3296



66.6831, 0.3144, 0.3223



21.1228, 0.3142, 0.3296



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.



67.3546, 0.3185, 0.3312



94.5570, 0.3192, 0.3314



69.3279, 0.3182, 0.3355



14.5051, 0.3203, 0.3319



10.6444, 0.6076, 0.3558



0.8256, 0.5754, 0.3813

Inverse Universe

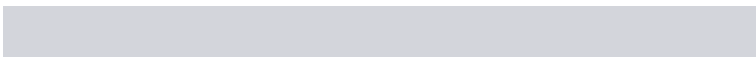
The Inverse Universe completely reimagines the original color for something new.



68.6122, 0.3071, 0.3268



96.5201, 0.3065, 0.3265



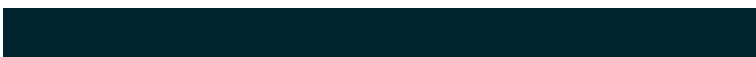
66.6370, 0.3072, 0.3224



14.8590, 0.3055, 0.3261



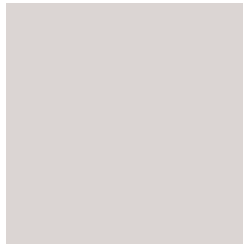
19.1535, 0.2021, 0.2474



1.3732, 0.2062, 0.2623

Previews

White Background



This preview shows how the Yxy color 67.3517, 0.3185, 0.3312 looks on a white background.

Color Contrast Check

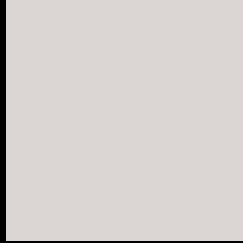
Large Text (above 18pt) WCAG AA × Fail

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 67.3517, 0.3185, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

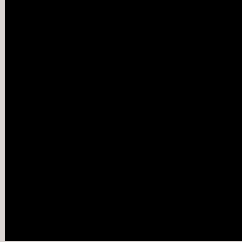
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

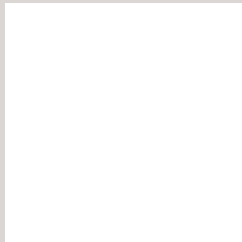
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.3517, 0.3185, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 67.3517, 0.3185, 0.3312.

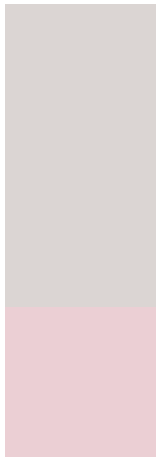


This preview shows how white text looks on a background with the Yxy color 67.3517, 0.3185, 0.3312.

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

67.3517, 0.3185, 0.3312

Protanopia

67.3517, 0.3185, 0.3312

Deuteranopia

67.0413, 0.3305, 0.3237



Tritanopia

67.5067, 0.3091, 0.3116

Trichromacy



Original Color

67.3517, 0.3185, 0.3312

Protanomaly

67.3517, 0.3185, 0.3312

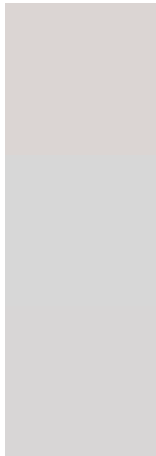
Deuteranomaly

67.0124, 0.3257, 0.3258

Tritanomaly

67.5231, 0.3124, 0.3191

Monochromacy



Original Color

67.3517, 0.3185, 0.3312

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.5471, 0.3142, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3517, 0.3185, 0.3312 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, 213, 211)` looks like.

```
.text, #text, p{  
    color:rgb(219, 213, 211)  
}
```

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, 213, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 213, 211) }
```

Border

The CSS property to change the border of an element to Yxy 67.3517, 0.3185, 0.3312 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, 213, 211) }
```

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

```
.border{ border-color:rgb(219, 213, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 213, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 213, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 213, 211);  
box-shadow:4px 4px 4px 4px rgb(219, 213,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3517, 0.3185, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 213, 211) }
```

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

```
.background{ background-color: rgb(219,  
213, 211) }
```

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