

Converting Colors

$Yxy(67.2804, 0.3238, 0.3366)$

Have a look what the booklet for
Yxy(67.2804, 0.3238, 0.3366)
contains.

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Color

Yxy(67.4169, 0.3235, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	DDD5CE
RGB	221, 213, 206
RGB Percent	87%, 84%, 81%
CMY	0.1333, 0.1647, 0.1921
CMYK	0.00, 0.04, 0.07, 0.13
HSL	28°, 18%, 84%
HSV	28°, 7%, 87%
XYZ	64.7547, 67.4169, 67.9974
YIQ	214.5940, 7.0150, -0.4810

Conversions

Conversions Part 2

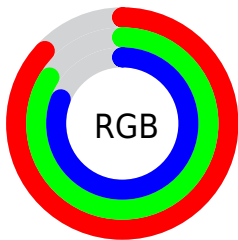
Format	Color
R _Y B	221, 219, 206
Decimal	14538190
CIE Lab	85.71, 1.54, 4.42
CIE LCh	86, 4.677, 70.797
Yxy	67.4169, 0.3235, 0.3368
Android (android.graphics.Color)	4292728270 (0xFFDDD5CE)
YUV	214.5940, -4.2368, 5.6181
Hunter-Lab	82.1078, -2.9139, 8.3746

Details

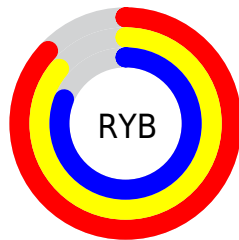
The Yxy color **67.4169, 0.3235, 0.3368** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4406, 0.3023, 0.3211**, and the grayscale version is **67.6941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.8277, 0.3261, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **60.7029, 0.3414, 0.3489**, and if you desaturate by 10%, it is **74.7190, 0.3080, 0.3254**.

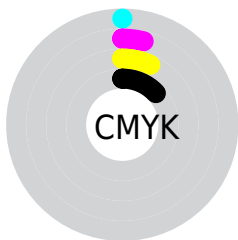
Distribution



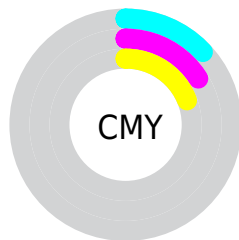
- Red (87%)
- Green (84%)
- Blue (81%)



- Red (87%)
- Yellow (86%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.4169, 0.3235, 0.3368 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 67.4169, 0.3235, 0.3368 by changing the saturation by 10% instead.

■ 67.4169, 0.3235,
0.3368

■ 67.4169, 0.3235,
0.3368

451.4273, 0.3184,
0.3332

■ 49.4235, 0.3247,
0.3376

115.5176, 0.3217,
0.3355

■ 34.9555, 0.3261,
0.3387

146.3937, 0.3210,
0.3350

■ 23.6286, 0.3280,
0.3400

182.3328, 0.3205,
0.3346

■ 15.0584, 0.3305,
0.3418

223.7193, 0.3199,
0.3342

■ 8.8604, 0.3340,
0.3442

270.9376, 0.3195,
0.3339

■ 4.6502, 0.3391,
0.3478

324.3721, 0.3191,

■ 2.0435, 0.3475,

0.3336

0.3535

384.4072, 0.3187,
0.3334

0.6326, 0.3868,
0.3831

0.0000, 0.0000,
0.0000

67.4169, 0.3235,
0.3368

67.4169, 0.3235,
0.3368

60.7029, 0.3414,
0.3489

74.7190, 0.3080,
0.3254

54.5528, 0.3619,
0.3615

82.6151, 0.2945,
0.3149

48.9534, 0.3851,
0.3742

89.9567, 0.2921,
0.3222

43.8878, 0.4109,
0.3864

94.1125, 0.2923,
0.3289

■ 39.3380, 0.4389,
0.3971

■ 35.2846, 0.4680,
0.4052

■ 31.7069, 0.4968,
0.4095

■ 28.5818, 0.5233,
0.4086

■ 25.8824, 0.5456,
0.4023

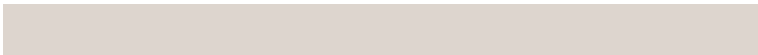
Harmonies

Analogous

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



67.4169, 0.3239, 0.3326



67.4169, 0.3235, 0.3368



67.4169, 0.3202, 0.3390

Triad

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



67.4169, 0.3235, 0.3368



67.4169, 0.3043, 0.3305



67.4169, 0.3104, 0.3198

Complementary

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



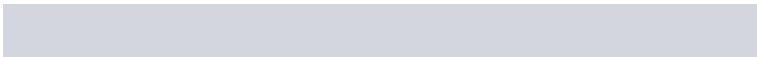
67.4169, 0.3235, 0.3368



66.4406, 0.3023, 0.3211

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.



67.4169, 0.3052, 0.3192



67.4169, 0.3235, 0.3368



67.4169, 0.3017, 0.3253

Square

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



67.4169, 0.3235, 0.3368



67.4169, 0.3092, 0.3353



67.4169, 0.3021, 0.3212



67.4169, 0.3162, 0.3229

Rectangle

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



67.4169, 0.3235, 0.3368



67.4169, 0.3169, 0.3389



67.4169, 0.3021, 0.3212



67.4169, 0.3085, 0.3193

Sweetspot

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



67.4198, 0.3235, 0.3368



97.9523, 0.3158, 0.3313



64.3878, 0.3183, 0.3199



20.9874, 0.3157, 0.3312



0.0000, 0.0000, 0.0000



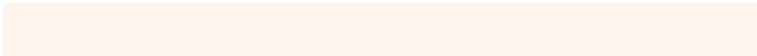
21.4041, 0.3127, 0.3290

Same Dimension

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



67.4198, 0.3235, 0.3368



92.0072, 0.3257, 0.3383



71.1483, 0.3228, 0.3447



14.0480, 0.3280, 0.3399



14.7997, 0.5498, 0.4017



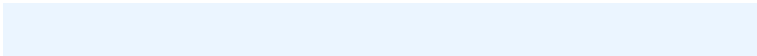
1.1302, 0.5231, 0.4229

Inverse Universe

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



66.4406, 0.3023, 0.3211



90.4113, 0.3003, 0.3195



62.8527, 0.3024, 0.3128



13.7617, 0.2982, 0.3178



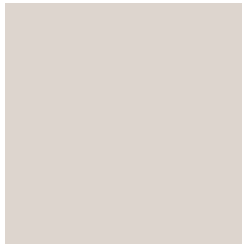
10.7741, 0.1805, 0.1698



0.8699, 0.1883, 0.1979

Previews

White Background



This preview shows how the Yxy color 67.4169, 0.3235, 0.3368 looks on a white background.

Color Contrast Check

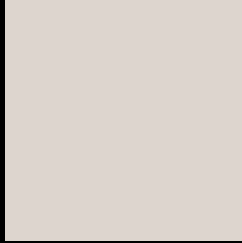
Large Text (above 18pt) WCAG AA × Fail

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 67.4169, 0.3235, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

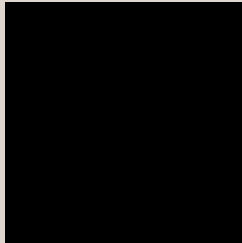
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

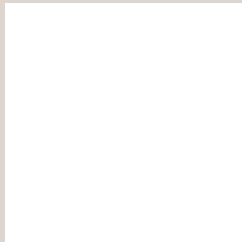
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.4169, 0.3235, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 67.4169, 0.3235, 0.3368.

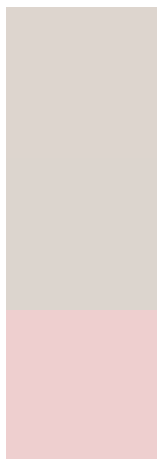


This preview shows how white text looks on a background with the Yxy color 67.4169, 0.3235, 0.3368.

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

67.4169, 0.3235, 0.3368

Protanopia

67.2604, 0.3228, 0.3368

Deuteranopia

67.3078, 0.3365, 0.3291



Tritanopia

67.4315, 0.3121, 0.3117

Trichromacy



Original Color

67.4169, 0.3235, 0.3368

Protanomaly

67.2604, 0.3228, 0.3368

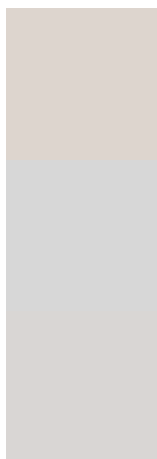
Deuteranomaly

67.2617, 0.3316, 0.3312

Tritanomaly

67.3910, 0.3161, 0.3203

Monochromacy



Original Color

67.4169, 0.3235, 0.3368

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.5983, 0.3163, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4169, 0.3235, 0.3368 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(221, 213, 206)` looks like.

```
.text, #text, p{  
    color:rgb(221, 213, 206)  
}
```

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(221, 213, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 213, 206) }
```

Border

The CSS property to change the border of an element to Yxy 67.4169, 0.3235, 0.3368 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(221, 213, 206) }
```

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

```
.border{ border-color:rgb(221, 213, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 213, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 213, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 213, 206);  
box-shadow:4px 4px 4px 4px rgb(221, 213,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4169, 0.3235, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 213, 206) }
```

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

```
.background{ background-color: rgb(221,  
213, 206) }
```

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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