

Converting Colors

Yxy(67.1826, 0.3189, 0.3488)

Have a look what the booklet for
Yxy(67.1826, 0.3189, 0.3488)
contains.

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Color

Yxy(67.3045, 0.3190, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	D1D9C7
RGB	209, 217, 199
RGB Percent	82%, 85%, 78%
CMY	0.1805, 0.1490, 0.2195
CMYK	0.04, 0.00, 0.08, 0.15
HSL	87°, 19%, 82%
HSV	87°, 8%, 85%
XYZ	61.4134, 67.3045, 63.8007
YIQ	212.5560, 1.0100, -7.2940

Conversions

Conversions Part 2

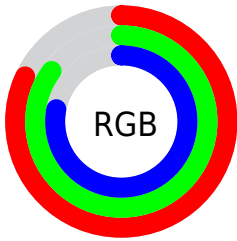
Format	Color
RYB	199, 217, 207
Decimal	13752775
CIELab	85.66, -5.92, 7.91
CIELCh	86, 9.881, 126.801
Yxy	67.3045, 0.3190, 0.3496
Android (android.graphics.Color)	4291942855 (0xFFD1D9C7)
YUV	212.5560, -6.6831, -3.1186
Hunter-Lab	82.0393, -9.9463, 11.3186

Details

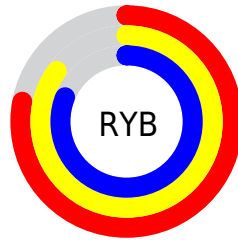
The Yxy color **67.3045, 0.3190, 0.3496** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1415, 0.3060, 0.3083**, and the grayscale version is **66.2730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.8536, 0.3211, 0.3547** is the 20% darker color. If you saturate the color by 10%, you get **64.9994, 0.3266, 0.3763**, and if you desaturate by 10%, it is **69.8451, 0.3114, 0.3249**.

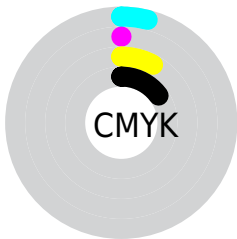
Distribution



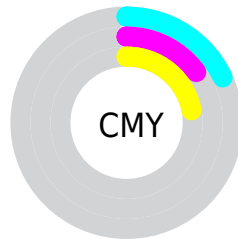
- Red (82%)
- Green (85%)
- Blue (78%)



- Red (78%)
- Yellow (85%)
- Blue (81%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.3045, 0.3190, 0.3496 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 67.3045, 0.3190, 0.3496 by changing the saturation by 10% instead.

■ 67.3045, 0.3190,
0.3496

■ 67.3045, 0.3190,
0.3496

451.0279, 0.3161,
0.3398

■ 49.3321, 0.3197,
0.3519

115.3566, 0.3180,
0.3462

■ 34.8830, 0.3205,
0.3548

146.2052, 0.3176,
0.3448

■ 23.5728, 0.3215,
0.3585

182.1145, 0.3173,
0.3437

■ 15.0170, 0.3228,
0.3634

223.4691, 0.3170,
0.3427

■ 8.8313, 0.3247,
0.3703

270.6534, 0.3167,
0.3419

■ 4.6313, 0.3272,
0.3807

324.0517, 0.3165,

■ 2.0326, 0.3311,

0.3411

0.3980

384.0484, 0.3163,
0.3404

0.6263, 0.3738,
0.5194

0.0000, 0.0000,
0.0000

67.3045, 0.3190,
0.3496

67.3045, 0.3190,
0.3496

64.9994, 0.3266,
0.3763

69.8451, 0.3114,
0.3249

62.9136, 0.3338,
0.4045

72.6198, 0.3040,
0.3024

61.0419, 0.3404,
0.4337

75.0362, 0.3027,
0.2907

59.3757, 0.3460,
0.4629

76.7594, 0.3094,
0.2914

■ 57.9058, 0.3499,
0.4908

■ 78.1106, 0.3145,
0.2920

■ 56.6218, 0.3519,
0.5160

■ 55.5124, 0.3516,
0.5371

■ 54.5645, 0.3490,
0.5531

■ 53.7593, 0.3443,
0.5639

Harmonies

Analogous

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



67.3045, 0.3298, 0.3498



67.3045, 0.3190, 0.3496



67.3045, 0.3067, 0.3436

Triad

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



67.3045, 0.3190, 0.3496



67.3045, 0.2899, 0.3132



67.3045, 0.3295, 0.3244

Complementary

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



67.3045, 0.3190, 0.3496



59.1415, 0.3060, 0.3083

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.



67.3045, 0.3185, 0.3151



67.3045, 0.3190, 0.3496



67.3045, 0.2957, 0.3086

Square

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



67.3045, 0.3190, 0.3496



67.3045, 0.2900, 0.3223



67.3045, 0.3061, 0.3094



67.3045, 0.3360, 0.3350

Rectangle

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



67.3045, 0.3190, 0.3496



67.3045, 0.2993, 0.3371



67.3045, 0.3061, 0.3094



67.3045, 0.3262, 0.3210

Sweetspot

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



67.3074, 0.3190, 0.3496



99.2465, 0.3142, 0.3339



63.4152, 0.3261, 0.3379



21.2508, 0.3142, 0.3336



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.



67.3074, 0.3190, 0.3496



96.3691, 0.3204, 0.3543



66.0653, 0.3126, 0.3500



14.9597, 0.3199, 0.3526



32.5260, 0.3445, 0.5647



2.1580, 0.3562, 0.5554

Inverse Universe

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



59.1415, 0.3060, 0.3083



82.2165, 0.3045, 0.3036



60.4382, 0.3127, 0.3088



12.9003, 0.3050, 0.3053



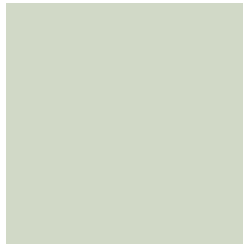
4.6283, 0.1928, 0.0836



0.3504, 0.2111, 0.0937

Previews

White Background



This preview shows how the Yxy color 67.3045, 0.3190, 0.3496 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 67.3045, 0.3190, 0.3496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

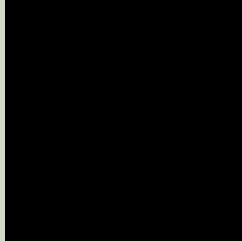
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

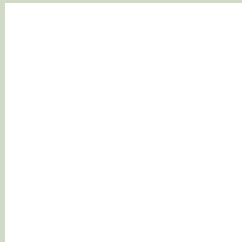
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.3045, 0.3190, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 67.3045, 0.3190, 0.3496.

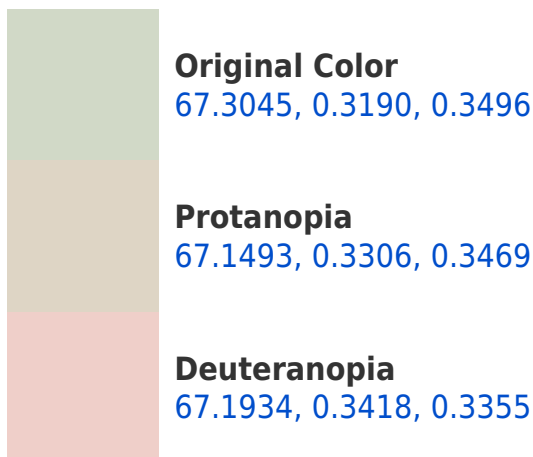


This preview shows how white text looks on a background with the Yxy color 67.3045, 0.3190, 0.3496.

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

67.5418, 0.3027, 0.3114

Trichromacy



Original Color

67.3045, 0.3190, 0.3496

Protanomaly

66.9221, 0.3260, 0.3471

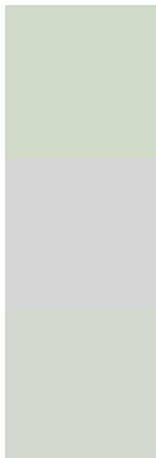
Deuteranomaly

67.2526, 0.3334, 0.3412

Tritanomaly

67.1521, 0.3086, 0.3245

Monochromacy



Original Color

67.3045, 0.3190, 0.3496

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.6442, 0.3153, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3045, 0.3190, 0.3496 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(209, 217, 199) looks like.

```
.text, #text, p{  
    color:rgb(209, 217, 199)  
}
```

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(209, 217, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 217, 199) }
```

Border

The CSS property to change the border of an element to Yxy 67.3045, 0.3190, 0.3496 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(209, 217, 199) }
```

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

```
.border{ border-color:rgb(209, 217, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 217, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 217, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 217, 199);  
box-shadow:4px 4px 4px 4px rgb(209, 217,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3045, 0.3190, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 217, 199) }
```

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

```
.background{ background-color: rgb(209,  
217, 199) }
```

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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