

Converting Colors

Yxy(65.4926, 0.3190, 0.3570)

Have a look what the booklet for
Yxy(65.4926, 0.3190, 0.3570)
contains.

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Color

Yxy(65.4741, 0.3187, 0.3571)

Conversions

Conversions Part 1

Format	Color
Hex	CAD8C0
RGB	202, 216, 192
RGB Percent	79%, 85%, 75%
CMY	0.2078, 0.1529, 0.2470
CMYK	0.06, 0.00, 0.11, 0.15
HSL	95°, 24%, 80%
HSV	95°, 11%, 85%
XYZ	58.4335, 65.4741, 59.4419
YIQ	209.0780, -0.6400, -10.4320

Conversions

Conversions Part 2

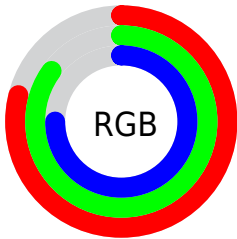
Format	Color
RYB	192, 216, 206
Decimal	13293760
CIELab	84.73, -9.02, 10.21
CIELCh	85, 13.622, 131.453
Yxy	65.4741, 0.3187, 0.3571
Android (android.graphics.Color)	4291483840 (0xFFCAD8C0)
YUV	209.0780, -8.4195, -6.2074
Hunter-Lab	80.9161, -12.6995, 13.0861

Details

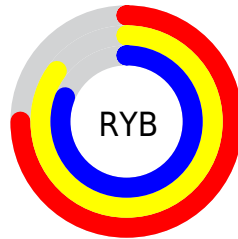
The Yxy color **65.4741, 0.3187, 0.3571** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7914, 0.3061, 0.3012**, and the grayscale version is **63.8748, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **33.6497, 0.3198, 0.3633** is the 20% darker color. If you saturate the color by 10%, you get **62.9023, 0.3239, 0.3849**, and if you desaturate by 10%, it is **68.3355, 0.3133, 0.3316**.

Distribution



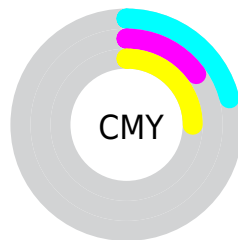
- Red (79%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (81%)



- Cyan (6%)
- Magenta (0%)
- Yellow (11%)
- Black (15%)




- Cyan (21%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.4741, 0.3187, 0.3571 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 65.4741, 0.3187, 0.3571 by changing the saturation by 10% instead.


 65.4741, 0.3187,
0.3571

 65.4741, 0.3187,
0.3571

444.4937, 0.3160,
0.3436

 47.8456, 0.3193,
0.3603

 112.7312, 0.3178,
0.3523

 33.7046, 0.3200,
0.3643


143.1286, 0.3174,
0.3505

 22.6668, 0.3210,
0.3695


178.5511, 0.3171,
0.3489

 14.3477, 0.3221,
0.3765

219.3831, 0.3168,
0.3476

 8.3629, 0.3237,
0.3864

266.0089, 0.3166,
0.3464

 4.3280, 0.3257,
0.4014

318.8130, 0.3164,

 1.8587, 0.3284,

0.3454

0.4270

378.1799, 0.3162,
0.3445

0.5234, 0.3463,
0.6537

0.0000, 0.0000,
0.0000

65.4741, 0.3187,
0.3571

65.4741, 0.3187,
0.3571

62.9023, 0.3239,
0.3849

68.3355, 0.3133,
0.3316

60.6021, 0.3287,
0.4146

71.4870, 0.3080,
0.3086

58.5663, 0.3328,
0.4454

74.8219, 0.3039,
0.2898

56.7841, 0.3358,
0.4764

77.1010, 0.3127,
0.2908

■ 55.2439, 0.3372,
0.5060

■ 77.5906, 0.3145,
0.2910

■ 53.9329, 0.3368,
0.5326

■ 52.8371, 0.3344,
0.5544

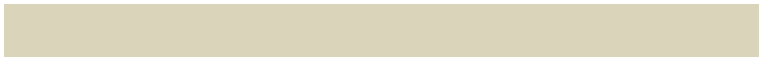
■ 51.9400, 0.3302,
0.5703

■ 51.2866, 0.3254,
0.5799

Harmonies

Analogous

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



65.4741, 0.3344, 0.3585



65.4741, 0.3187, 0.3571



65.4741, 0.3017, 0.3475

Triad

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



65.4741, 0.3187, 0.3571



65.4741, 0.2818, 0.3056



65.4741, 0.3380, 0.3247

Complementary

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



65.4741, 0.3187, 0.3571



55.7914, 0.3061, 0.3012

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.



65.4741, 0.3233, 0.3115



65.4741, 0.3187, 0.3571



65.4741, 0.2910, 0.3005

Square

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



65.4741, 0.3187, 0.3571



65.4741, 0.2807, 0.3172



65.4741, 0.3060, 0.3027



65.4741, 0.3458, 0.3393

Rectangle

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



65.4741, 0.3187, 0.3571



65.4741, 0.2919, 0.3379



65.4741, 0.3060, 0.3027



65.4741, 0.3337, 0.3200

Sweetspot

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



65.4769, 0.3187, 0.3571



98.6808, 0.3144, 0.3364



62.3609, 0.3306, 0.3446



21.0477, 0.3148, 0.3384



0.0000, 0.0000, 0.0000



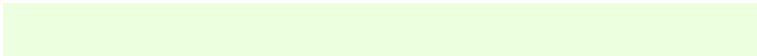
21.4041, 0.3127, 0.3290

Same Dimension

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



65.4769, 0.3187, 0.3571



94.5623, 0.3198, 0.3625



64.1988, 0.3103, 0.3558



14.1463, 0.3178, 0.3527



30.4173, 0.3264, 0.5790



1.8826, 0.3402, 0.5681

Inverse Universe

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



55.7914, 0.3061, 0.3012



78.1154, 0.3048, 0.2959



57.1852, 0.3152, 0.3036



12.3628, 0.3072, 0.3055



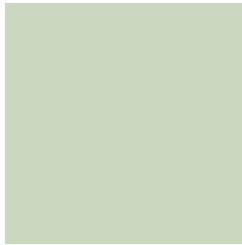
5.6226, 0.2200, 0.0986



0.3872, 0.2371, 0.1080

Previews

White Background



This preview shows how the Yxy color 65.4741, 0.3187, 0.3571 looks on a white background.

Color Contrast Check

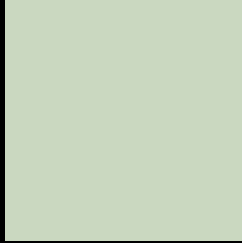
Large Text (above 18pt) WCAG AA × Fail

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 65.4741, 0.3187, 0.3571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

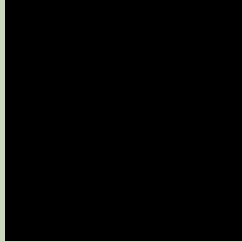
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

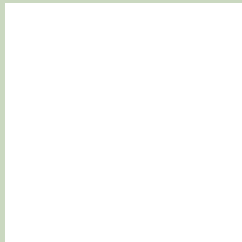
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.4741, 0.3187, 0.3571

Background



This preview shows how black text looks on a background with the Yxy color 65.4741, 0.3187, 0.3571.



This preview shows how white text looks on a background with the Yxy color 65.4741, 0.3187, 0.3571.

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

65.4741, 0.3187, 0.3571

Protanopia

65.4783, 0.3351, 0.3540

Deuteranopia

65.2579, 0.3469, 0.3399



Tritanopia

65.4554, 0.2984, 0.3099

Trichromacy



Original Color

65.4741, 0.3187, 0.3571

Protanomaly

65.4523, 0.3287, 0.3554

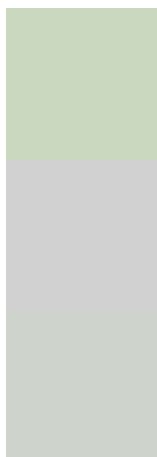
Deuteranomaly

64.9696, 0.3366, 0.3458

Tritanomaly

65.4739, 0.3056, 0.3267

Monochromacy



Original Color

65.4741, 0.3187, 0.3571

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.5206, 0.3144, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4741, 0.3187, 0.3571 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(202, 216, 192)` looks like.

```
.text, #text, p{  
    color:rgb(202, 216, 192)  
}
```

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(202, 216, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 216, 192) }
```

Border

The CSS property to change the border of an element to Yxy 65.4741, 0.3187, 0.3571 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(202, 216, 192) }
```

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

```
.border{ border-color:rgb(202, 216, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 216, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 216, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 216, 192);  
box-shadow:4px 4px 4px 4px rgb(202, 216,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4741, 0.3187, 0.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 216, 192) }
```

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

```
.background{ background-color: rgb(202,  
216, 192) }
```

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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