

Converting Colors

Yxy(65.3898, 0.3064, 0.3419)

Have a look what the booklet for
Yxy(65.3898, 0.3064, 0.3419)
contains.

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Color

Yxy(65.3898, 0.3064, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	C5D8CD
RGB	197, 216, 205
RGB Percent	77%, 85%, 80%
CMY	0.2274, 0.1529, 0.1962
CMYK	0.09, 0.00, 0.05, 0.15
HSL	145°, 20%, 81%
HSV	145°, 9%, 85%
XYZ	58.6003, 65.3898, 67.2641
YIQ	209.0650, -7.7930, -7.4490

Conversions

Conversions Part 2

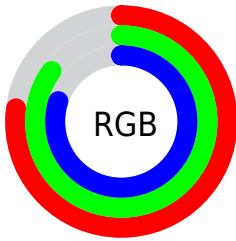
Format	Color
R _{YB}	197, 210, 216
Decimal	12966093
CIE Lab	84.68, -8.43, 3.26
CIE LCh	85, 9.035, 158.862
Yxy	65.3898, 0.3064, 0.3419
Android (android.graphics.Color)	4291156173 (0xFFC5D8CD)
YUV	209.0650, -2.0040, -10.5810
Hunter-Lab	80.8640, -12.1570, 7.2863

Details

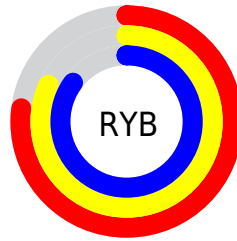
The Yxy color **65.3898, 0.3064, 0.3419** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.0971, 0.3196, 0.3164**, and the grayscale version is **63.8238, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **33.5637, 0.3045, 0.3445** is the 20% darker color. If you saturate the color by 10%, you get **62.0997, 0.2993, 0.3583**, and if you desaturate by 10%, it is **69.1520, 0.3136, 0.3273**.

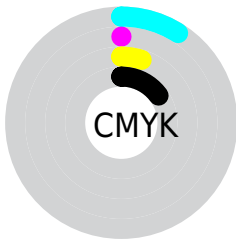
Distribution



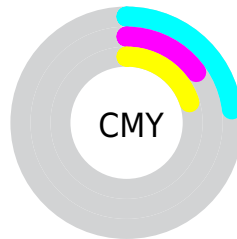
- Red (77%)
- Green (85%)
- Blue (80%)



- Red (77%)
- Yellow (82%)
- Blue (85%)



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)



- Cyan (23%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.3898, 0.3064, 0.3419 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 65.3898, 0.3064, 0.3419 by changing the saturation by 10% instead.

■ 65.3898, 0.3064,
0.3419

■ 65.3898, 0.3064,
0.3419

444.1914, 0.3094,
0.3358

■ 47.7772, 0.3057,
0.3434

112.6101, 0.3075,
0.3397

■ 33.6505, 0.3048,
0.3452

142.9866, 0.3079,
0.3389

■ 22.6252, 0.3036,
0.3475

178.3865, 0.3082,
0.3382

■ 14.3170, 0.3021,
0.3507

219.1943, 0.3085,
0.3376

■ 8.3415, 0.2999,
0.3551

265.7942, 0.3088,
0.3370

■ 4.3142, 0.2966,
0.3618

318.5708, 0.3090,

■ 1.8508, 0.2911,

0.3366

0.3731

377.9084, 0.3092,
0.3361

0.5186, 0.2513,
0.4539

0.0000, 0.0000,
0.0000

65.3898, 0.3064,
0.3419

65.3898, 0.3064,
0.3419

62.0997, 0.2993,
0.3583

69.1520, 0.3136,
0.3273

59.2545, 0.2926,
0.3764

73.3958, 0.3207,
0.3145

56.8369, 0.2866,
0.3963

76.8243, 0.3228,
0.3027

54.8252, 0.2815,
0.4176

77.5941, 0.3145,
0.2910

■ 53.1958, 0.2777,
0.4400

■ 51.9223, 0.2754,
0.4628

■ 50.9751, 0.2751,
0.4854

■ 50.3194, 0.2766,
0.5069

■ 49.9015, 0.2799,
0.5267

Harmonies

Analogous

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



65.3898, 0.3178, 0.3478



65.3898, 0.3064, 0.3419



65.3898, 0.2969, 0.3324

Triad

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



65.3898, 0.3064, 0.3419



65.3898, 0.2975, 0.3101



65.3898, 0.3344, 0.3352

Complementary

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



65.3898, 0.3064, 0.3419



59.0971, 0.3196, 0.3164

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.



65.3898, 0.3288, 0.3254



65.3898, 0.3064, 0.3419



65.3898, 0.3074, 0.3111

Square

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



65.3898, 0.3064, 0.3419



65.3898, 0.2918, 0.3140



65.3898, 0.3188, 0.3166



65.3898, 0.3340, 0.3437

Rectangle

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



65.3898, 0.3064, 0.3419



65.3898, 0.2927, 0.3255



65.3898, 0.3188, 0.3166



65.3898, 0.3331, 0.3320

Sweetspot

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



65.3926, 0.3064, 0.3419



98.2945, 0.3105, 0.3333



66.5695, 0.3198, 0.3509



20.9438, 0.3100, 0.3345



0.0000, 0.0000, 0.0000



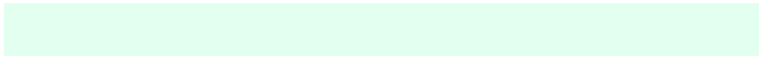
21.4041, 0.3127, 0.3290

Same Dimension

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



65.3926, 0.3064, 0.3419



94.0561, 0.3047, 0.3455



65.8634, 0.3002, 0.3308



13.9813, 0.3060, 0.3429



29.5301, 0.2795, 0.5261



1.7974, 0.2699, 0.4915

Inverse Universe

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



59.0971, 0.3196, 0.3164



82.6580, 0.3216, 0.3130



58.6449, 0.3267, 0.3272



12.5407, 0.3201, 0.3155



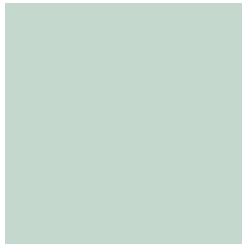
9.5493, 0.4606, 0.2311



0.5923, 0.4300, 0.2142

Previews

White Background



This preview shows how the Yxy color 65.3898, 0.3064, 0.3419 looks on a white background.

Color Contrast Check

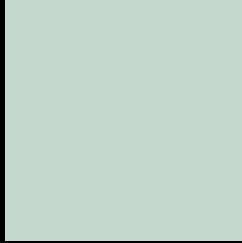
Large Text (above 18pt) WCAG AA × Fail

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 65.3898, 0.3064, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

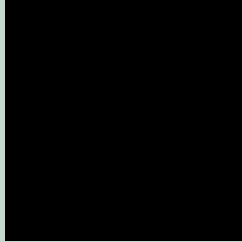
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

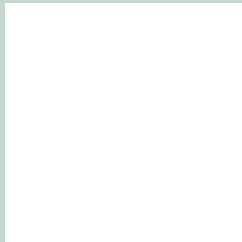
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.3898, 0.3064, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 65.3898, 0.3064, 0.3419.

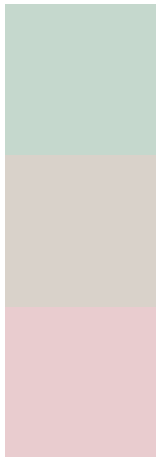


This preview shows how white text looks on a background with the Yxy color 65.3898, 0.3064, 0.3419.

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

65.3898, 0.3064, 0.3419

Protanopia

65.1092, 0.3236, 0.3381

Deuteranopia

65.0144, 0.3330, 0.3258



Tritanopia

65.1616, 0.2936, 0.3097

Trichromacy



Original Color

65.3898, 0.3064, 0.3419

Protanomaly

65.1004, 0.3174, 0.3393

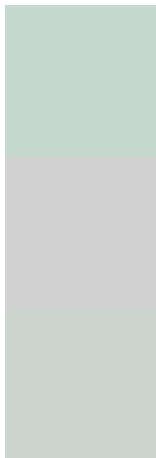
Deuteranomaly

64.7836, 0.3232, 0.3313

Tritanomaly

65.0352, 0.2987, 0.3209

Monochromacy



Original Color

65.3898, 0.3064, 0.3419

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.6202, 0.3103, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3898, 0.3064, 0.3419 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(197, 216, 205)` looks like.

```
.text, #text, p{  
    color:rgb(197, 216, 205)  
}
```

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(197, 216, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 216, 205) }
```

Border

The CSS property to change the border of an element to Yxy 65.3898, 0.3064, 0.3419 is called "border". The border property can be set on classes, ids or directly on the HTML element.

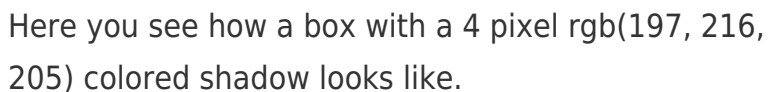
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 216, 205) }
```

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

```
.border{ border-color:rgb(197, 216, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 216, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 216, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 216, 205);  
box-shadow:4px 4px 4px 4px rgb(197, 216,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3898, 0.3064, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 216, 205) }
```

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

```
.background{ background-color: rgb(197,  
216, 205) }
```

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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