

Converting Colors

Yxy(64.4197, 0.3058, 0.3384)

Have a look what the booklet for
Yxy(64.4197, 0.3058, 0.3384)
contains.

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Color

Yxy(64.4197, 0.3058, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	C5D6CE
RGB	197, 214, 206
RGB Percent	77%, 84%, 81%
CMY	0.2273, 0.1608, 0.1923
CMYK	0.08, 0.00, 0.04, 0.16
HSL	152°, 17%, 81%
HSV	152°, 8%, 84%
XYZ	58.2138, 64.4197, 67.7321
YIQ	208.0050, -7.5640, -6.0920

Conversions

Conversions Part 2

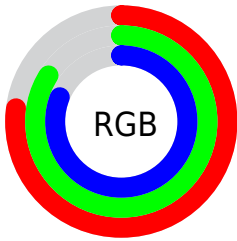
Format	Color
RYB	197, 208, 214
Decimal	12965582
CIELab	84.18, -7.21, 2.00
CIELCh	84, 7.481, 164.482
Yxy	64.4197, 0.3058, 0.3384
Android (android.graphics.Color)	4291155662 (0xFFC5D6CE)
YUV	208.0050, -0.9885, -9.6514
Hunter-Lab	80.2619, -10.9926, 6.1492

Details

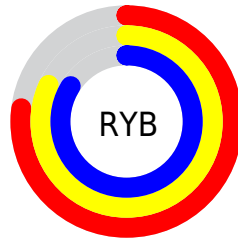
The Yxy color **64.4197, 0.3058, 0.3384** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6518, 0.3202, 0.3198**, and the grayscale version is **63.0926, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **32.9029, 0.3036, 0.3399** is the 20% darker color. If you saturate the color by 10%, you get **61.2583, 0.2973, 0.3515**, and if you desaturate by 10%, it is **68.0285, 0.3145, 0.3267**.

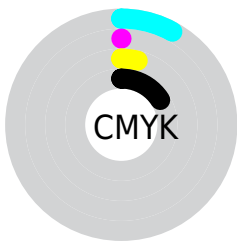
Distribution



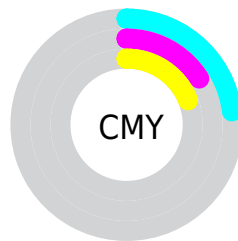
- Red (77%)
- Green (84%)
- Blue (81%)



- Red (77%)
- Yellow (82%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (23%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.4197, 0.3058, 0.3384 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 64.4197, 0.3058, 0.3384 by changing the saturation by 10% instead.

■ 64.4197, 0.3058,
0.3384

■ 64.4197, 0.3058,
0.3384

440.7037, 0.3091,
0.3339

■ 46.9907, 0.3050,
0.3395

111.2152, 0.3070,
0.3368

■ 33.0283, 0.3041,
0.3408

141.3504, 0.3074,
0.3362

■ 22.1481, 0.3028,
0.3425

176.4898, 0.3078,
0.3357

■ 13.9658, 0.3011,
0.3448

217.0178, 0.3081,
0.3352

■ 8.0969, 0.2988,
0.3480

263.3188, 0.3084,
0.3349

■ 4.1570, 0.2952,
0.3529

315.7772, 0.3087,

■ 1.7618, 0.2893,

0.3345

0.3611

374.7774, 0.3089,
0.3342

0.4632, 0.2420,
0.4242

0.0000, 0.0000,
0.0000

64.4197, 0.3058,
0.3384

64.4197, 0.3058,
0.3384

61.2583, 0.2973,
0.3515

68.0285, 0.3145,
0.3267

58.5182, 0.2892,
0.3660

72.0932, 0.3233,
0.3163

56.1833, 0.2819,
0.3818

75.4323, 0.3273,
0.3068

54.2330, 0.2756,
0.3988

76.0397, 0.3203,
0.2970

■ 52.6449, 0.2707,
0.4167

■ 76.5744, 0.3146,
0.2891

■ 51.3942, 0.2676,
0.4352

■ 50.4531, 0.2663,
0.4539

■ 49.7886, 0.2671,
0.4722

■ 49.3542, 0.2697,
0.4898

Harmonies

Analogous

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



64.4197, 0.3152, 0.3440



64.4197, 0.3058, 0.3384



64.4197, 0.2984, 0.3302

Triad

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



64.4197, 0.3058, 0.3384



64.4197, 0.3014, 0.3130



64.4197, 0.3311, 0.3357

Complementary

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



64.4197, 0.3058, 0.3384



58.6518, 0.3202, 0.3198

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.



64.4197, 0.3273, 0.3276



64.4197, 0.3058, 0.3384



64.4197, 0.3101, 0.3146

Square

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



64.4197, 0.3058, 0.3384



64.4197, 0.2958, 0.3156



64.4197, 0.3195, 0.3199



64.4197, 0.3298, 0.3422

Rectangle

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



64.4197, 0.3058, 0.3384



64.4197, 0.2954, 0.3245



64.4197, 0.3195, 0.3199



64.4197, 0.3303, 0.3331

Sweetspot

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



64.4224, 0.3058, 0.3384



98.8909, 0.3109, 0.3313



65.1388, 0.3178, 0.3487



21.1783, 0.3110, 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.



64.4224, 0.3058, 0.3384



94.7266, 0.3039, 0.3411



64.6802, 0.3005, 0.3286



14.0041, 0.3045, 0.3403



29.8059, 0.2697, 0.4908



1.8144, 0.2612, 0.4604

Inverse Universe

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



58.6518, 0.3202, 0.3198



83.9613, 0.3225, 0.3172



58.4018, 0.3263, 0.3294



12.5178, 0.3218, 0.3180



9.2342, 0.5058, 0.2560



0.5736, 0.4655, 0.2338

Previews

White Background



This preview shows how the Yxy color 64.4197, 0.3058, 0.3384 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 64.4197, 0.3058, 0.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

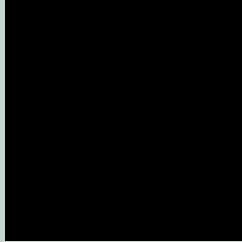
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

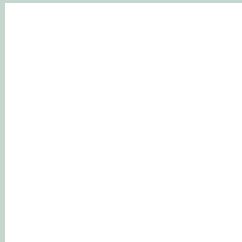
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.4197, 0.3058, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 64.4197, 0.3058, 0.3384.

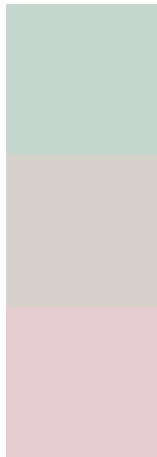


This preview shows how white text looks on a background with the Yxy color 64.4197, 0.3058, 0.3384.

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

64.4197, 0.3058, 0.3384

Protanopia

64.3598, 0.3215, 0.3358

Deuteranopia

64.0889, 0.3301, 0.3236



Tritanopia

64.5521, 0.2949, 0.3108

Trichromacy



Original Color

64.4197, 0.3058, 0.3384

Protanomaly

64.3581, 0.3153, 0.3371

Deuteranomaly

64.0361, 0.3211, 0.3290

Tritanomaly

64.4808, 0.2994, 0.3209

Monochromacy



Original Color

64.4197, 0.3058, 0.3384

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.4356, 0.3103, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.4197, 0.3058, 0.3384 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, 214, 206)` looks like.

```
.text, #text, p{  
    color:rgb(197, 214, 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(197, 214, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 214, 206) }
```

Border

The CSS property to change the border of an element to Yxy 64.4197, 0.3058, 0.3384 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, 214, 206) }
```

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

```
.border{ border-color:rgb(197, 214, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 214, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 214, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 214, 206);  
box-shadow:4px 4px 4px 4px rgb(197, 214,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 64.4197, 0.3058, 0.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 214, 206) }
```

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

```
.background{ background-color: rgb(197,  
214, 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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