

Converting Colors

$Yxy(59.7919, 0.3280, 0.3792)$

Have a look what the booklet for
Yxy(59.7919, 0.3280, 0.3792)
contains.

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Color

Yxy(59.6720, 0.3278, 0.3784)

Conversions

Conversions Part 1

Format	Color
Hex	C0D1A9
RGB	192, 209, 169
RGB Percent	75%, 82%, 66%
CMY	0.2472, 0.1803, 0.3372
CMYK	0.08, 0.00, 0.19, 0.18
HSL	86°, 30%, 74%
HSV	86°, 19%, 82%
XYZ	51.6926, 59.6720, 46.3310
YIQ	199.3570, 2.7080, -16.0440

Conversions

Conversions Part 2

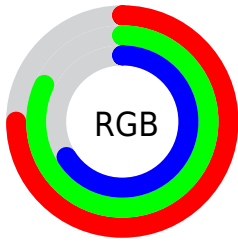
Format	Color
RYB	169, 209, 186
Decimal	12636585
CIELab	81.66, -12.82, 17.95
CIELCh	82, 22.054, 125.526
Yxy	59.6720, 0.3278, 0.3784
Android (android.graphics.Color)	4290826665 (0xFFC0D1A9)
YUV	199.3570, -14.9660, -6.4521
Hunter-Lab	77.2477, -15.7347, 18.5129

Details

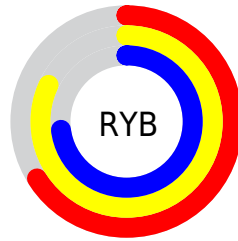
The Yxy color **59.6720, 0.3278, 0.3784** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.4287, 0.2952, 0.2790**, and the grayscale version is **57.4332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0416, 0.3271, 0.3595**, and **30.1303, 0.3307, 0.3921** is the 20% darker color. If you saturate the color by 10%, you get **57.8234, 0.3354, 0.4066**, and if you desaturate by 10%, it is **61.7217, 0.3199, 0.3517**.

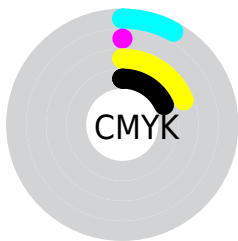
Distribution



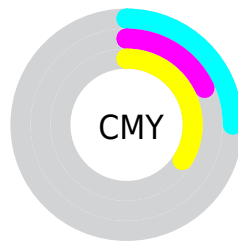
- Red (75%)
- Green (82%)
- Blue (66%)



- Red (66%)
- Yellow (82%)
- Blue (73%)



- Cyan (8%)
- Magenta (0%)
- Yellow (19%)
- Black (18%)





- Cyan (25%)
- Magenta (18%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.6720, 0.3278, 0.3784 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 59.6720, 0.3278, 0.3784 by changing the saturation by 10% instead.


 59.6720, 0.3278,
0.3784

 59.6720, 0.3278,
0.3784


423.3877, 0.3209,
0.3542

 43.1543, 0.3293,
0.3843


 104.3537, 0.3254,
0.3697

 30.0062, 0.3312,
0.3918


133.2865, 0.3245,
0.3664

 19.8433, 0.3335,
0.4016


167.1265, 0.3237,
0.3636

 12.2812, 0.3365,
0.4149

206.2581, 0.3230,
0.3612

 6.9355, 0.3401,
0.4342

251.0656, 0.3224,
0.3591

 3.4218, 0.3446,
0.4640

301.9334, 0.3218,

 1.3557, 0.3782,

0.3573

0.5597

359.2460, 0.3213,
0.3556

■ 0.1837, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.6720, 0.3278,
0.3784

■ 59.6720, 0.3278,
0.3784

■ 57.8234, 0.3354,
0.4066

■ 61.7217, 0.3199,
0.3517

■ 56.1609, 0.3422,
0.4355

■ 63.9715, 0.3120,
0.3270

■ 54.6795, 0.3480,
0.4643

■ 66.4304, 0.3044,
0.3043

■ 53.3707, 0.3522,
0.4916

■ 69.1044, 0.2970,
0.2837

■ 52.2254, 0.3543,
0.5161

■ 70.7490, 0.3017,
0.2823

■ 51.2334, 0.3541,
0.5365

■ 72.3168, 0.3080,
0.2832

■ 50.3827, 0.3515,
0.5518

■ 73.9619, 0.3143,
0.2841

■ 49.6543, 0.3470,
0.5622

■ 74.0887, 0.3148,
0.2841

■ 49.5956, 0.3466,
0.5630

Harmonies

Analogous

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



59.6720, 0.3530, 0.3770



59.6720, 0.3278, 0.3784



59.6720, 0.2994, 0.3647

Triad

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



59.6720, 0.3278, 0.3784



59.6720, 0.2605, 0.2927



59.6720, 0.3509, 0.3169

Complementary

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



59.6720, 0.3278, 0.3784



43.4287, 0.2952, 0.2790

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.



59.6720, 0.3244, 0.2968



59.6720, 0.3278, 0.3784



59.6720, 0.2728, 0.2827

Square

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



59.6720, 0.3278, 0.3784



59.6720, 0.2614, 0.3134



59.6720, 0.2958, 0.2845



59.6720, 0.3669, 0.3406

Rectangle

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



59.6720, 0.3278, 0.3784



59.6720, 0.2824, 0.3490



59.6720, 0.2958, 0.2845



59.6720, 0.3428, 0.3096

Sweetspot

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



59.6746, 0.3278, 0.3784



97.8374, 0.3175, 0.3439



51.4038, 0.3463, 0.3494



20.8924, 0.3180, 0.3456



0.0000, 0.0000, 0.0000



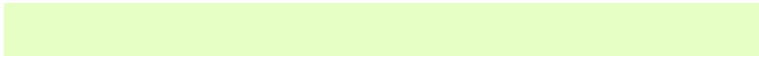
21.4041, 0.3127, 0.3290

Same Dimension

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



59.6746, 0.3278, 0.3784



92.3442, 0.3310, 0.3899



57.2825, 0.3128, 0.3807



13.5362, 0.3201, 0.3524



30.6332, 0.3476, 0.5622



1.7591, 0.3605, 0.5520

Inverse Universe

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



43.4287, 0.2952, 0.2790



62.2854, 0.2908, 0.2672



46.0582, 0.3120, 0.2814



11.6605, 0.3048, 0.3054



4.2063, 0.1895, 0.0818



0.2815, 0.2105, 0.0933

Previews

White Background



This preview shows how the Yxy color 59.6720, 0.3278, 0.3784 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 59.6720, 0.3278, 0.3784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

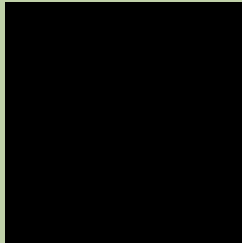
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

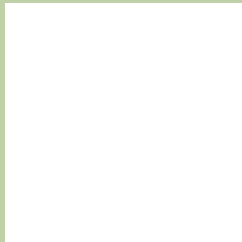
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.6720, 0.3278, 0.3784

Background



This preview shows how black text looks on a background with the Yxy color 59.6720, 0.3278, 0.3784.



This preview shows how white text looks on a background with the Yxy color 59.6720, 0.3278, 0.3784.

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

59.6720, 0.3278, 0.3784

Protanopia

59.4413, 0.3500, 0.3714

Deuteranopia

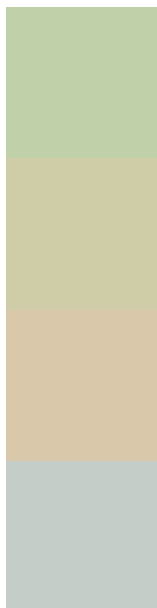
59.3324, 0.3623, 0.3549



Tritanopia

59.4451, 0.2993, 0.3103

Trichromacy



Original Color

59.6720, 0.3278, 0.3784

Protanomaly

59.7181, 0.3420, 0.3745

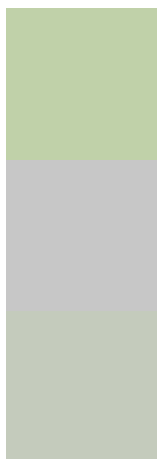
Deuteranomaly

59.1543, 0.3492, 0.3629

Tritanomaly

59.5685, 0.3094, 0.3350

Monochromacy



Original Color

59.6720, 0.3278, 0.3784

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.0785, 0.3181, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6720, 0.3278, 0.3784 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(192, 209, 169)` looks like.

```
.text, #text, p{  
    color:rgb(192, 209, 169)  
}
```

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(192, 209, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 209, 169) }
```

Border

The CSS property to change the border of an element to Yxy 59.6720, 0.3278, 0.3784 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(192, 209, 169) }
```

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

```
.border{ border-color:rgb(192, 209, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 209, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 209, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 209, 169);  
box-shadow:4px 4px 4px 4px rgb(192, 209,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6720, 0.3278, 0.3784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 209, 169) }
```

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

```
.background{ background-color: rgb(192,  
209, 169) }
```

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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