

Converting Colors

Yxy(59.3812, 0.3199, 0.3545)

Have a look what the booklet for
Yxy(59.3812, 0.3199, 0.3545)
contains.

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Color

Yxy(59.3812, 0.3199, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	C4CEB9
RGB	196, 206, 185
RGB Percent	77%, 81%, 73%
CMY	0.2315, 0.1921, 0.2745
CMYK	0.05, 0.00, 0.10, 0.19
HSL	89°, 18%, 77%
HSV	89°, 10%, 81%
XYZ	53.5855, 59.3812, 54.5403
YIQ	200.6160, 0.7810, -8.6510

Conversions

Conversions Part 2

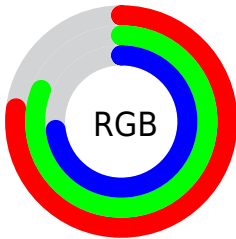
Format	Color
RYB	185, 206, 195
Decimal	12897977
CIELab	81.50, -7.21, 9.27
CIELCh	82, 11.742, 127.872
Yxy	59.3812, 0.3199, 0.3545
Android (android.graphics.Color)	4291088057 (0xFFC4CEB9)
YUV	200.6160, -7.6987, -4.0482
Hunter-Lab	77.0592, -10.7282, 11.9777

Details

The Yxy color **59.3812, 0.3199, 0.3545** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7696, 0.3049, 0.3035**, and the grayscale version is **58.2046, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7535, 0.3196, 0.3425**, and **29.8732, 0.3213, 0.3616** is the 20% darker color. If you saturate the color by 10%, you get **57.2964, 0.3269, 0.3815**, and if you desaturate by 10%, it is **61.6842, 0.3129, 0.3295**.

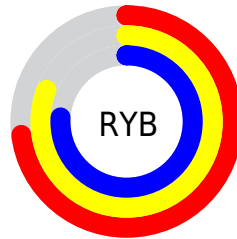
Distribution



Red (77%)

Green (81%)

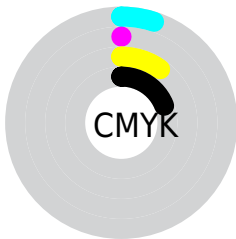
Blue (73%)



Red (73%)

Yellow (81%)

Blue (76%)

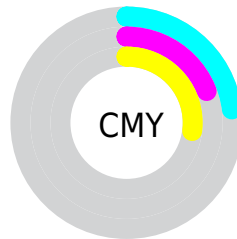


Cyan (5%)

Magenta (0%)

Yellow (10%)

Black (19%)



Cyan (23%)

Magenta (19%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.3812, 0.3199, 0.3545 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 59.3812, 0.3199, 0.3545 by changing the saturation by 10% instead.

■ 59.3812, 0.3199,
0.3545

■ 59.3812, 0.3199,
0.3545

422.3131, 0.3165,
0.3421

■ 42.9201, 0.3207,
0.3575

■ 103.9315, 0.3187,
0.3501

■ 29.8224, 0.3216,
0.3613

132.7894, 0.3183,
0.3484

■ 19.7038, 0.3229,
0.3662

166.5484, 0.3179,
0.3469

■ 12.1799, 0.3245,
0.3730

205.5929, 0.3175,
0.3457

■ 6.8663, 0.3267,
0.3827

250.3072, 0.3172,
0.3446

■ 3.3787, 0.3298,
0.3979

301.0757, 0.3170,

■ 1.3325, 0.3363,

0.3437

0.4271

358.2829, 0.3167,
0.3429

0.1661, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.3812, 0.3199,
0.3545

59.3812, 0.3199,
0.3545

57.2964, 0.3269,
0.3815

61.6842, 0.3129,
0.3295

55.4151, 0.3335,
0.4102

64.2043, 0.3059,
0.3066

53.7322, 0.3394,
0.4397

66.9506, 0.2993,
0.2860

52.2398, 0.3441,
0.4692

69.1033, 0.3009,
0.2790

■ 50.9293, 0.3472,
0.4972

■ 70.8332, 0.3080,
0.2801

■ 49.7909, 0.3483,
0.5223

■ 72.6305, 0.3150,
0.2811

■ 48.8142, 0.3472,
0.5431

■ 47.9867, 0.3439,
0.5586

■ 47.2996, 0.3390,
0.5690

Harmonies

Analogous

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



59.3812, 0.3335, 0.3549



59.3812, 0.3199, 0.3545



59.3812, 0.3047, 0.3468

Triad

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



59.3812, 0.3199, 0.3545



59.3812, 0.2846, 0.3091



59.3812, 0.3339, 0.3237

Complementary

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



59.3812, 0.3199, 0.3545



50.7696, 0.3049, 0.3035

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.



59.3812, 0.3204, 0.3122



59.3812, 0.3199, 0.3545



59.3812, 0.2920, 0.3037

Square

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



59.3812, 0.3199, 0.3545



59.3812, 0.2846, 0.3201



59.3812, 0.3050, 0.3049



59.3812, 0.3417, 0.3368

Rectangle

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



59.3812, 0.3199, 0.3545



59.3812, 0.2956, 0.3386



59.3812, 0.3050, 0.3049



59.3812, 0.3299, 0.3195

Sweetspot

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



59.3838, 0.3199, 0.3545



98.8289, 0.3148, 0.3364



55.5734, 0.3293, 0.3408



21.0876, 0.3154, 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.



59.3838, 0.3199, 0.3545



95.5099, 0.3213, 0.3596



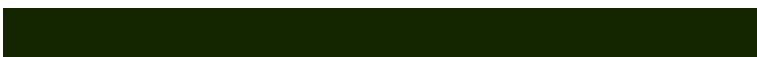
58.0563, 0.3120, 0.3551



12.8197, 0.3193, 0.3524



29.1785, 0.3401, 0.5682



1.5503, 0.3548, 0.5565

Inverse Universe

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



50.7696, 0.3049, 0.3035



79.1063, 0.3033, 0.2983



52.1827, 0.3133, 0.3041



11.1030, 0.3056, 0.3056



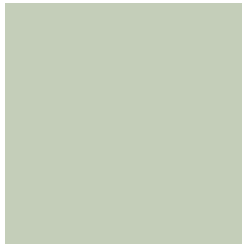
4.4218, 0.1991, 0.0870



0.2732, 0.2209, 0.0991

Previews

White Background



This preview shows how the Yxy color 59.3812, 0.3199, 0.3545 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 59.3812, 0.3199, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

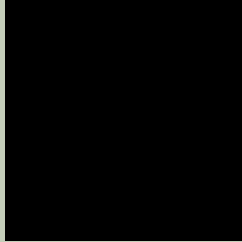
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

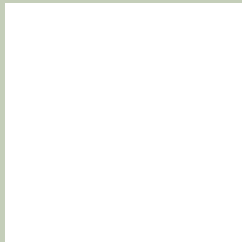
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3812, 0.3199, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 59.3812, 0.3199, 0.3545.



This preview shows how white text looks on a background with the Yxy color 59.3812, 0.3199, 0.3545.

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

59.3812, 0.3199, 0.3545

Protanopia

59.5088, 0.3338, 0.3514

Deuteranopia

58.9490, 0.3451, 0.3381



Tritanopia

59.2005, 0.3014, 0.3104

Trichromacy



Original Color

59.3812, 0.3199, 0.3545

Protanomaly

59.2944, 0.3289, 0.3516

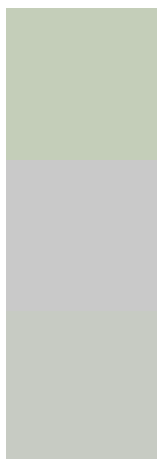
Deuteranomaly

58.9909, 0.3361, 0.3442

Tritanomaly

59.2618, 0.3083, 0.3266

Monochromacy



Original Color

59.3812, 0.3199, 0.3545

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.7941, 0.3154, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3812, 0.3199, 0.3545 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(196, 206, 185)` looks like.

```
.text, #text, p{  
    color:rgb(196, 206, 185)  
}
```

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(196, 206, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 206, 185) }
```

Border

The CSS property to change the border of an element to Yxy 59.3812, 0.3199, 0.3545 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(196, 206, 185) }
```

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

```
.border{ border-color:rgb(196, 206, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 206, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 206, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 206, 185);  
box-shadow:4px 4px 4px 4px rgb(196, 206,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3812, 0.3199, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 206, 185) }
```

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

```
.background{ background-color: rgb(196,  
206, 185) }
```

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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