

Converting Colors

Yxy(58.9839, 0.3251, 0.3535)

Have a look what the booklet for
Yxy(58.9839, 0.3251, 0.3535)
contains.

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Color

Yxy(59.0639, 0.3248, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	C9CCB8
RGB	201, 204, 184
RGB Percent	79%, 80%, 72%
CMY	0.2118, 0.2000, 0.2785
CMYK	0.01, 0.00, 0.10, 0.20
HSL	69°, 16%, 76%
HSV	69°, 10%, 80%
XYZ	54.3301, 59.0639, 53.8785
YIQ	200.8230, 4.6320, -6.8560

Conversions

Conversions Part 2

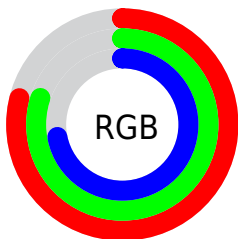
Format	Color
RYB	184, 204, 187
Decimal	13225144
CIELab	81.33, -4.55, 9.61
CIElCh	81, 10.638, 115.346
Yxy	59.0639, 0.3248, 0.3531
Android (android.graphics.Color)	4291415224 (0xFFC9CCB8)
YUV	200.8230, -8.2937, 0.1552
Hunter-Lab	76.8530, -8.3050, 12.2314

Details

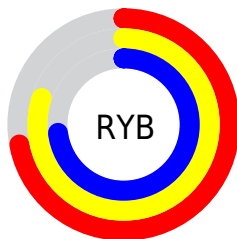
The Yxy color **59.0639, 0.3248, 0.3531** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2022, 0.2999, 0.3041**, and the grayscale version is **58.3441, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **29.6544, 0.3279, 0.3596** is the 20% darker color. If you saturate the color by 10%, you get **57.8506, 0.3373, 0.3787**, and if you desaturate by 10%, it is **60.4142, 0.3125, 0.3286**.

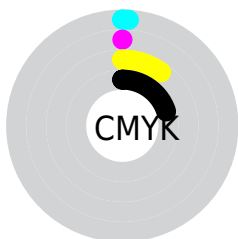
Distribution



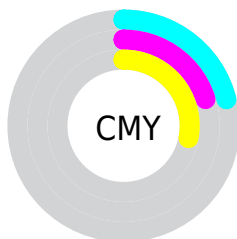
- Red (79%)
- Green (80%)
- Blue (72%)



- Red (72%)
- Yellow (80%)
- Blue (73%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)




- Cyan (21%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0639, 0.3248, 0.3531 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 59.0639, 0.3248, 0.3531 by changing the saturation by 10% instead.


 59.0639, 0.3248,
0.3531

 59.0639, 0.3248,
0.3531


421.1387, 0.3190,
0.3414

 42.6646, 0.3262,
0.3559

 103.4705, 0.3228,
0.3489

 29.6220, 0.3278,
0.3595


132.2466, 0.3220,
0.3473

 19.5519, 0.3300,
0.3641


165.9171, 0.3213,
0.3460

 12.0697, 0.3329,
0.3704

204.8663, 0.3207,
0.3448

 6.7912, 0.3370,
0.3794

249.4787, 0.3202,
0.3438

 3.3318, 0.3430,
0.3934

300.1386, 0.3198,

 1.3073, 0.3556,

0.3429

0.4211

357.2305, 0.3194,
0.3421

■ 0.1469, 0.1622,
0.8378

■ 0.0000, 0.0000,
0.0000

■ 59.0639, 0.3248,
0.3531

■ 59.0639, 0.3248,
0.3531

■ 57.8506, 0.3373,
0.3787

■ 60.4142, 0.3125,
0.3286

■ 56.7613, 0.3497,
0.4048


■ 61.8989, 0.3007,
0.3055

■ 55.7929, 0.3614,
0.4305

■ 63.5251, 0.2895,
0.2840

■ 54.9392, 0.3720,
0.4549


■ 64.5961, 0.2854,
0.2745

 54.1936, 0.3809,
0.4769

 65.0602, 0.2876,
0.2749


 53.5485, 0.3876,
0.4956


 65.5330, 0.2897,
0.2752

 52.9955, 0.3918,
0.5101

 66.0146, 0.2918,
0.2755

 52.5244, 0.3934,
0.5200

 66.5051, 0.2940,
0.2759

 52.1170, 0.3929,
0.5262

 67.0044, 0.2961,
0.2762

Harmonies

Analogous

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



59.0639, 0.3354, 0.3507



59.0639, 0.3248, 0.3531



59.0639, 0.3112, 0.3487

Triad

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



59.0639, 0.3248, 0.3531



59.0639, 0.2863, 0.3146



59.0639, 0.3273, 0.3195

Complementary

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



59.0639, 0.3248, 0.3531



49.2022, 0.2999, 0.3041

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.



59.0639, 0.3138, 0.3104



59.0639, 0.3248, 0.3531



59.0639, 0.2904, 0.3074

Square

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



59.0639, 0.3248, 0.3531



59.0639, 0.2891, 0.3261



59.0639, 0.3004, 0.3059



59.0639, 0.3369, 0.3311

Rectangle

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



59.0639, 0.3248, 0.3531



59.0639, 0.3022, 0.3425



59.0639, 0.3004, 0.3059



59.0639, 0.3230, 0.3160

Sweetspot

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



59.0665, 0.3248, 0.3531



99.2994, 0.3164, 0.3363



51.8365, 0.3294, 0.3327



21.2148, 0.3174, 0.3383



0.0000, 0.0000, 0.0000



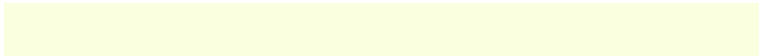
21.4041, 0.3127, 0.3290

Same Dimension

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



59.0665, 0.3248, 0.3531



97.3209, 0.3277, 0.3590



57.7254, 0.3169, 0.3537



13.0079, 0.3243, 0.3521



32.8281, 0.3932, 0.5260



1.7173, 0.3986, 0.5217

Inverse Universe

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



49.2022, 0.2999, 0.3041



77.4052, 0.2966, 0.2977



50.5077, 0.3081, 0.3047



10.9236, 0.3005, 0.3052



2.9499, 0.1566, 0.0636



0.1787, 0.1723, 0.0723

Previews

White Background



This preview shows how the Yxy color 59.0639, 0.3248, 0.3531 looks on a white background.

Color Contrast Check

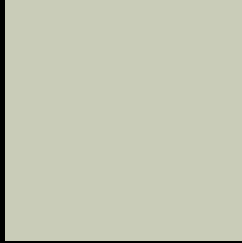
Large Text (above 18pt) WCAG AA × Fail

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 59.0639, 0.3248, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

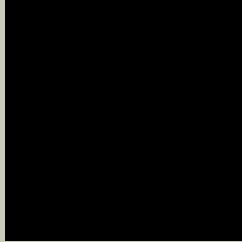
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

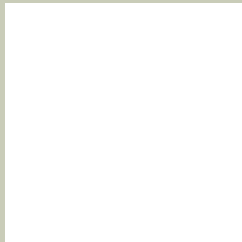
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.0639, 0.3248, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 59.0639, 0.3248, 0.3531.



This preview shows how white text looks on a background with the Yxy color 59.0639, 0.3248, 0.3531.

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

59.0639, 0.3248, 0.3531

Protanopia

58.8938, 0.3332, 0.3503

Deuteranopia

58.9063, 0.3459, 0.3393



Tritanopia

58.8750, 0.3066, 0.3105

Trichromacy



Original Color

59.0639, 0.3248, 0.3531

Protanomaly

58.9254, 0.3306, 0.3516

Deuteranomaly

58.7964, 0.3387, 0.3441

Tritanomaly

58.9703, 0.3129, 0.3255

Monochromacy



Original Color

59.0639, 0.3248, 0.3531

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.5987, 0.3170, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0639, 0.3248, 0.3531 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(201, 204, 184)` looks like.

```
.text, #text, p{  
    color:rgb(201, 204, 184)  
}
```

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(201, 204, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 204, 184) }
```

Border

The CSS property to change the border of an element to Yxy 59.0639, 0.3248, 0.3531 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(201, 204, 184) }
```

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

```
.border{ border-color:rgb(201, 204, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 204, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 204, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 204, 184);  
box-shadow:4px 4px 4px 4px rgb(201, 204,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0639, 0.3248, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 204, 184) }
```

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

```
.background{ background-color: rgb(201,  
204, 184) }
```

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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