

Converting Colors

Yxy(59.8619, 0.3255, 0.3529)

Have a look what the booklet for
Yxy(59.8619, 0.3255, 0.3529)
contains.

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Color

Yxy(59.8619, 0.3255, 0.3529)

Conversions

Conversions Part 1

Format	Color
Hex	CBCDB9
RGB	203, 205, 185
RGB Percent	80%, 80%, 73%
CMY	0.2040, 0.1960, 0.2744
CMYK	0.01, 0.00, 0.10, 0.20
HSL	66°, 17%, 76%
HSV	66°, 10%, 80%
XYZ	55.2141, 59.8619, 54.5525
YIQ	202.1220, 5.2280, -6.6440

Conversions

Conversions Part 2

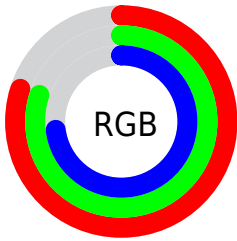
Format	Color
RYB	185, 205, 187
Decimal	13356473
CIELab	81.76, -4.20, 9.71
CIELCh	82, 10.577, 113.374
Yxy	59.8619, 0.3255, 0.3529
Android (android.graphics.Color)	4291546553 (0xFFCBCDB9)
YUV	202.1220, -8.4411, 0.7700
Hunter-Lab	77.3705, -8.0149, 12.3550

Details

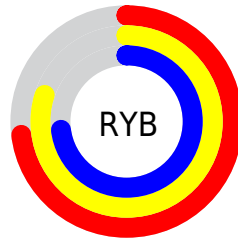
The Yxy color **59.8619, 0.3255, 0.3529** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.6845, 0.2992, 0.3042**, and the grayscale version is **59.1943, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **30.1887, 0.3288, 0.3593** is the 20% darker color. If you saturate the color by 10%, you get **58.7698, 0.3389, 0.3783**, and if you desaturate by 10%, it is **61.0880, 0.3124, 0.3284**.

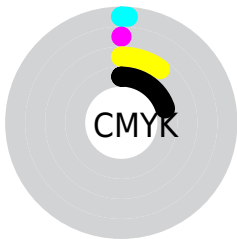
Distribution



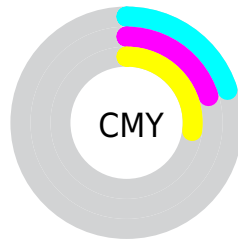
- Red (80%)
- Green (80%)
- Blue (73%)



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



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



- Cyan (20%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8619, 0.3255, 0.3529 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 59.8619, 0.3255, 0.3529 by changing the saturation by 10% instead.

■ 59.8619, 0.3255,
0.3529

■ 59.8619, 0.3255,
0.3529

424.0886, 0.3194,
0.3414

■ 43.3073, 0.3269,
0.3557

■ 104.6293, 0.3234,
0.3488

■ 30.1263, 0.3287,
0.3592

133.6109, 0.3225,
0.3472

■ 19.9345, 0.3310,
0.3637

167.5037, 0.3218,
0.3459

■ 12.3474, 0.3341,
0.3699

206.6920, 0.3212,
0.3447

■ 6.9808, 0.3383,
0.3787

251.5603, 0.3207,
0.3437

■ 3.4501, 0.3447,
0.3922

302.4928, 0.3202,

■ 1.3710, 0.3568,

0.3428

0.4179

359.8741, 0.3198,
0.3421

0.1952, 0.2986,
0.7014

0.0000, 0.0000,
0.0000

59.8619, 0.3255,
0.3529

59.8619, 0.3255,
0.3529

58.7698, 0.3389,
0.3783

61.0880, 0.3124,
0.3284

57.7986, 0.3521,
0.4040

62.4452, 0.2998,
0.3053

56.9451, 0.3647,
0.4292

63.9410, 0.2880,
0.2837

56.2031, 0.3762,
0.4528

64.7811, 0.2842,
0.2754

■ 55.5660, 0.3860,
0.4739

■ 65.0911, 0.2856,
0.2756

■ 55.0260, 0.3936,
0.4915

■ 65.4050, 0.2870,
0.2759

■ 54.5748, 0.3987,
0.5050

■ 65.7230, 0.2884,
0.2761

■ 54.2021, 0.4012,
0.5140

■ 66.0450, 0.2899,
0.2763

■ 53.8897, 0.4015,
0.5193

■ 66.3710, 0.2913,
0.2765

Harmonies

Analogous

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



59.8619, 0.3357, 0.3501



59.8619, 0.3255, 0.3529



59.8619, 0.3121, 0.3490

Triad

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



59.8619, 0.3255, 0.3529



59.8619, 0.2865, 0.3154



59.8619, 0.3263, 0.3189

Complementary

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



59.8619, 0.3255, 0.3529



49.6845, 0.2992, 0.3042

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.



59.8619, 0.3129, 0.3101



59.8619, 0.3255, 0.3529



59.8619, 0.2901, 0.3079

Square

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



59.8619, 0.3255, 0.3529



59.8619, 0.2898, 0.3270



59.8619, 0.2997, 0.3061



59.8619, 0.3362, 0.3303

Rectangle

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



59.8619, 0.3255, 0.3529



59.8619, 0.3031, 0.3431



59.8619, 0.2997, 0.3061



59.8619, 0.3221, 0.3155

Sweetspot

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



59.8645, 0.3255, 0.3529



99.3700, 0.3167, 0.3363



52.0320, 0.3294, 0.3315



21.2340, 0.3177, 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.



59.8645, 0.3255, 0.3529



97.5992, 0.3287, 0.3589



58.5102, 0.3177, 0.3535



13.0366, 0.3250, 0.3520



33.5641, 0.4018, 0.5192



1.7486, 0.4054, 0.5163

Inverse Universe

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



49.6845, 0.2992, 0.3042



77.1599, 0.2956, 0.2976



50.9858, 0.3073, 0.3048



10.8976, 0.2998, 0.3051



2.8616, 0.1538, 0.0621



0.1666, 0.1653, 0.0684

Previews

White Background



This preview shows how the Yxy color 59.8619, 0.3255, 0.3529 looks on a white background.

Color Contrast Check

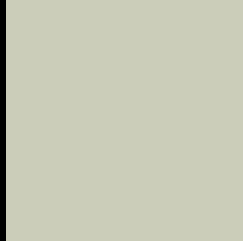
Large Text (above 18pt) WCAG AA × Fail

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 59.8619, 0.3255, 0.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

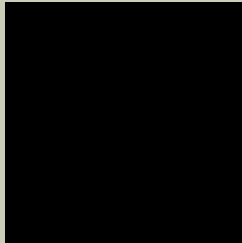
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

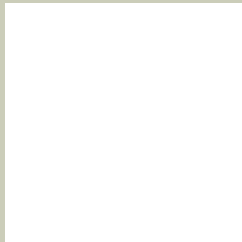
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.8619, 0.3255, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 59.8619, 0.3255, 0.3529.



This preview shows how white text looks on a background with the Yxy color 59.8619, 0.3255, 0.3529.

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

59.8619, 0.3255, 0.3529

Protanopia

59.5506, 0.3331, 0.3502

Deuteranopia

59.7257, 0.3466, 0.3392



Tritanopia

59.6763, 0.3074, 0.3106

Trichromacy



Original Color

59.8619, 0.3255, 0.3529

Protanomaly

59.5825, 0.3305, 0.3515

Deuteranomaly

59.6077, 0.3394, 0.3440

Tritanomaly

59.7706, 0.3137, 0.3255

Monochromacy



Original Color

59.8619, 0.3255, 0.3529

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.2540, 0.3170, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8619, 0.3255, 0.3529 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(203, 205, 185)` looks like.

```
.text, #text, p{  
    color:rgb(203, 205, 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(203, 205, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 205, 185) }
```

Border

The CSS property to change the border of an element to Yxy 59.8619, 0.3255, 0.3529 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(203, 205, 185) }
```

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

```
.border{ border-color:rgb(203, 205, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 205, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 205, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 205, 185);  
box-shadow:4px 4px 4px 4px rgb(203, 205,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8619, 0.3255, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 205, 185) }
```

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

```
.background{ background-color: rgb(203,  
205, 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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