

Converting Colors

Yxy(51.2459, 0.3449, 0.3462)

Have a look what the booklet for
Yxy(51.2459, 0.3449, 0.3462)
contains.

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Color

Yxy(51.1935, 0.3448, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	D1B9AB
RGB	209, 185, 171
RGB Percent	82%, 73%, 67%
CMY	0.1803, 0.2745, 0.3294
CMYK	0.00, 0.12, 0.18, 0.18
HSL	22°, 29%, 75%
HSV	22°, 18%, 82%
XYZ	51.0012, 51.1935, 45.7206
YIQ	190.5800, 18.7980, 0.7340

Conversions

Conversions Part 2

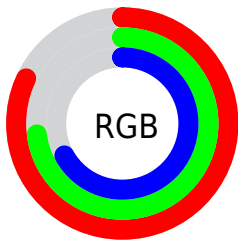
Format	Color
R_{YB}	209, 193, 171
Decimal	13744555
CIE Lab	76.80, 6.32, 10.23
CIE LCh	77, 12.022, 58.283
Yxy	51.1935, 0.3448, 0.3461
Android (android.graphics.Color)	4291934635 (0xFFD1B9AB)
YUV	190.5800, -9.6529, 16.1543
Hunter-Lab	71.5496, 2.0245, 12.1981

Details

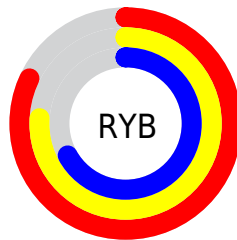
The Yxy color **51.1935, 0.3448, 0.3461** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3119, 0.2846, 0.3113**, and the grayscale version is **51.8964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6616, 0.3314, 0.3438**, and **24.7045, 0.3532, 0.3503** is the 20% darker color. If you saturate the color by 10%, you get **45.1871, 0.3667, 0.3561**, and if you desaturate by 10%, it is **57.8444, 0.3260, 0.3365**.

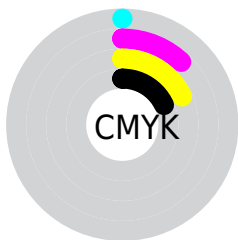
Distribution



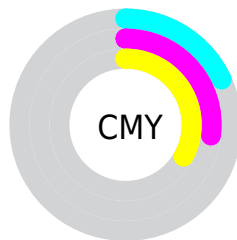
- Red (82%)
- Green (73%)
- Blue (67%)



- Red (82%)
- Yellow (76%)
- Blue (67%)



- Cyan (0%)
- Magenta (12%)
- Yellow (18%)
- Black (18%)





- Cyan (18%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.1935, 0.3448, 0.3461 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 51.1935, 0.3448, 0.3461 by changing the saturation by 10% instead.

 51.1935, 0.3448,
0.3461

 51.1935, 0.3448,
0.3461

391.3151, 0.3289,
0.3379

 36.3626, 0.3487,
0.3481


 91.9407, 0.3391,
0.3432

 24.7144, 0.3537,
0.3505


118.6259, 0.3369,
0.3421

 15.8644, 0.3603,
0.3537

150.0312, 0.3351,
0.3411

 9.4282, 0.3694,
0.3580

186.5412, 0.3335,
0.3403

 5.0215, 0.3827,
0.3640

228.5402, 0.3321,
0.3396

 2.2599, 0.4041,
0.3728

276.4126, 0.3309,

 0.7524, 0.5038,

0.3389

0.4358

330.5427, 0.3299,
0.3384

0.0000, 0.0000,
0.0000

51.1935, 0.3448,
0.3461

51.1935, 0.3448,
0.3461

45.1871, 0.3667,
0.3561

57.8444, 0.3260,
0.3365

39.7983, 0.3920,
0.3662

65.1517, 0.3100,
0.3274

35.0086, 0.4208,
0.3757

73.1359, 0.2964,
0.3190

30.7958, 0.4525,
0.3838

81.8143, 0.2847,
0.3114

27.1362, 0.4862,
0.3893

89.8109, 0.2853,
0.3249

■ 24.0040, 0.5197,
0.3909

■ 92.3004, 0.2855,
0.3289

■ 21.3709, 0.5503,
0.3875

■ 19.2026, 0.5757,
0.3793

■ 18.8550, 0.5800,
0.3777

Harmonies

Analogous

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



51.1935, 0.3421, 0.3328



51.1935, 0.3448, 0.3461



51.1935, 0.3386, 0.3553

Triad

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



51.1935, 0.3448, 0.3461



51.1935, 0.2941, 0.3391



51.1935, 0.2995, 0.3020

Complementary

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



51.1935, 0.3448, 0.3461



52.3119, 0.2846, 0.3113

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.



51.1935, 0.2872, 0.3029



51.1935, 0.3448, 0.3461



51.1935, 0.2842, 0.3240

Square

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



51.1935, 0.3448, 0.3461



51.1935, 0.3092, 0.3516



51.1935, 0.2816, 0.3108



51.1935, 0.3156, 0.3079

Rectangle

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



51.1935, 0.3448, 0.3461



51.1935, 0.3304, 0.3577



51.1935, 0.2816, 0.3108



51.1935, 0.2948, 0.3015

Sweetspot

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



51.1958, 0.3448, 0.3461



94.1712, 0.3207, 0.3336



46.6303, 0.3265, 0.3001



19.9858, 0.3219, 0.3342



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.



51.1958, 0.3448, 0.3461



76.3240, 0.3533, 0.3501



59.6690, 0.3409, 0.3682



12.5104, 0.3281, 0.3376



11.7943, 0.5774, 0.3798



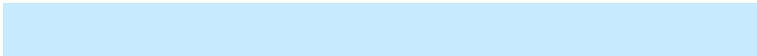
0.8093, 0.5425, 0.4075

Inverse Universe

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



52.3119, 0.2846, 0.3113



78.3994, 0.2783, 0.3069



44.3417, 0.2833, 0.2865



12.6453, 0.2983, 0.3202



13.2251, 0.1902, 0.2047



0.8882, 0.1973, 0.2301

Previews

White Background



This preview shows how the Yxy color 51.1935, 0.3448, 0.3461 looks on a white background.

Color Contrast Check

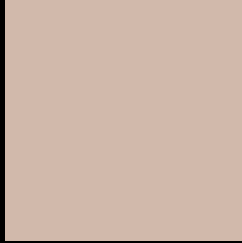
Large Text (above 18pt) WCAG AA × Fail

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 51.1935, 0.3448, 0.3461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

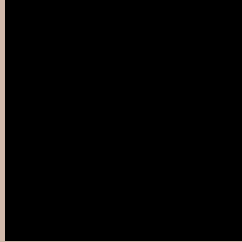
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.1935, 0.3448, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 51.1935, 0.3448, 0.3461.



This preview shows how white text looks on a background with the Yxy color 51.1935, 0.3448, 0.3461.

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

51.1935, 0.3448, 0.3461

Protanopia

51.2826, 0.3319, 0.3491

Deuteranopia

51.2543, 0.3505, 0.3435



Tritanopia

51.0303, 0.3272, 0.3113

Trichromacy



Original Color

51.1935, 0.3448, 0.3461

Protanomaly

51.3625, 0.3364, 0.3489

Deuteranomaly

51.3674, 0.3485, 0.3447

Tritanomaly

50.8926, 0.3337, 0.3231

Monochromacy



Original Color

51.1935, 0.3448, 0.3461

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.8617, 0.3241, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1935, 0.3448, 0.3461 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(209, 185, 171)` looks like.

```
.text, #text, p{  
    color:rgb(209, 185, 171)  
}
```

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(209, 185, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 185, 171) }
```

Border

The CSS property to change the border of an element to Yxy 51.1935, 0.3448, 0.3461 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(209, 185, 171) }
```

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

```
.border{ border-color:rgb(209, 185, 171) }
```

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

Here you see how a box with a 4 pixel rgb(209, 185, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 185, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 185, 171);  
box-shadow:4px 4px 4px 4px rgb(209, 185,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1935, 0.3448, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 185, 171) }
```

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

```
.background{ background-color: rgb(209,  
185, 171) }
```

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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