

Converting Colors

Yxy(51.7486, 0.3432, 0.3349)

Have a look what the booklet for
Yxy(51.7486, 0.3432, 0.3349)
contains.

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Color

Yxy(51.8318, 0.3427, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	D6B8B3
RGB	214, 184, 179
RGB Percent	84%, 72%, 70%
CMY	0.1605, 0.2785, 0.2980
CMYK	0.00, 0.14, 0.16, 0.16
HSL	8°, 30%, 77%
HSV	8°, 16%, 84%
XYZ	53.0232, 51.8318, 49.8668
YIQ	192.4000, 19.4850, 4.8050

Conversions

Conversions Part 2

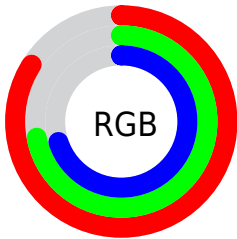
Format	Color
R _Y B	214, 185, 179
Decimal	14071987
CIE Lab	77.18, 9.96, 6.49
CIE LCh	77, 11.893, 33.085
Yxy	51.8318, 0.3427, 0.3350
Android (android.graphics.Color)	4292262067 (0xFFD6B8B3)
YUV	192.4000, -6.6062, 18.9432
Hunter-Lab	71.9943, 5.4736, 9.3288

Details

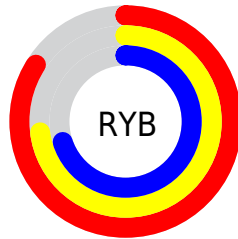
The Yxy color **51.8318, 0.3427, 0.3350** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.0929, 0.2878, 0.3229**, and the grayscale version is **52.9941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5783, 0.3258, 0.3339**, and **25.1099, 0.3514, 0.3371** is the 20% darker color. If you saturate the color by 10%, you get **43.8906, 0.3665, 0.3390**, and if you desaturate by 10%, it is **60.9036, 0.3232, 0.3313**.

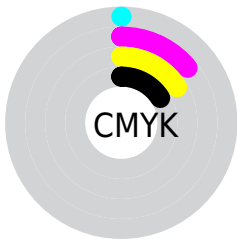
Distribution



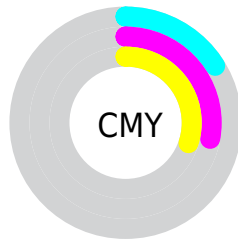
- Red (84%)
- Green (72%)
- Blue (70%)



- Red (84%)
- Yellow (73%)
- Blue (70%)



- Cyan (0%)
- Magenta (14%)
- Yellow (16%)
- Black (16%)





- Cyan (16%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8318, 0.3427, 0.3350 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 51.8318, 0.3427, 0.3350 by changing the saturation by 10% instead.


 51.8318, 0.3427,
0.3350

 51.8318, 0.3427,
0.3350


393.7869, 0.3279,
0.3322

 36.8710, 0.3463,
0.3356

 92.8831, 0.3374,
0.3340

 25.1076, 0.3510,
0.3364


119.7425, 0.3353,
0.3337

 16.1573, 0.3572,
0.3374


151.3368, 0.3336,
0.3333

 9.6355, 0.3656,
0.3386

188.0505, 0.3322,
0.3331

 5.1580, 0.3781,
0.3402

230.2680, 0.3309,
0.3328

 2.3402, 0.3981,
0.3422

278.3736, 0.3298,

 0.7949, 0.4554,

0.3326

0.3588

332.7518, 0.3288,
0.3324

0.0000, 0.0000,
0.0000

51.8318, 0.3427,
0.3350

51.8318, 0.3427,
0.3350

43.8906, 0.3665,
0.3390

60.9036, 0.3232,
0.3313

37.0288, 0.3953,
0.3429

71.1407, 0.3073,
0.3278

31.2019, 0.4296,
0.3466

82.5848, 0.2942,
0.3246

26.3594, 0.4691,
0.3496

93.0453, 0.2883,
0.3289

22.4465, 0.5123,
0.3511

■ 19.4031, 0.5556,
0.3504

■ 17.1618, 0.5936,
0.3470

■ 15.6447, 0.6207,
0.3413

■ 15.2501, 0.6282,
0.3394

Harmonies

Analogous

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



51.8318, 0.3332, 0.3212



51.8318, 0.3427, 0.3350



51.8318, 0.3439, 0.3477

Triad

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



51.8318, 0.3427, 0.3350



51.8318, 0.3067, 0.3496



51.8318, 0.2891, 0.3027

Complementary

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



51.8318, 0.3427, 0.3350



60.0929, 0.2878, 0.3229

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.



51.8318, 0.2824, 0.3094



51.8318, 0.3427, 0.3350



51.8318, 0.2924, 0.3366

Square

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



51.8318, 0.3427, 0.3350



51.8318, 0.3228, 0.3567



51.8318, 0.2836, 0.3218



51.8318, 0.3021, 0.3029

Rectangle

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



51.8318, 0.3427, 0.3350



51.8318, 0.3399, 0.3538



51.8318, 0.2836, 0.3218



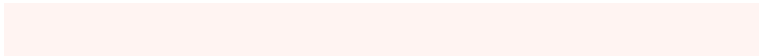
51.8318, 0.2861, 0.3042

Sweetspot

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



51.8341, 0.3427, 0.3350



92.4208, 0.3209, 0.3308



51.1756, 0.3183, 0.2939



19.5615, 0.3222, 0.3310



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.



51.8341, 0.3427, 0.3350



72.3193, 0.3512, 0.3365



59.4329, 0.3395, 0.3551



12.7017, 0.3288, 0.3324



9.3026, 0.6263, 0.3409



0.6545, 0.5981, 0.3633

Inverse Universe

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



60.0929, 0.2878, 0.3229



87.0549, 0.2822, 0.3214



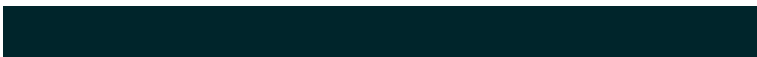
52.0851, 0.2869, 0.3015



13.7940, 0.2983, 0.3256



23.6937, 0.2122, 0.2837



1.5132, 0.2145, 0.2923

Previews

White Background



This preview shows how the Yxy color 51.8318, 0.3427, 0.3350 looks on a white background.

Color Contrast Check

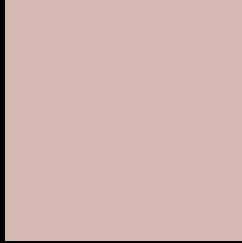
Large Text (above 18pt) WCAG AA × Fail

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 51.8318, 0.3427, 0.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

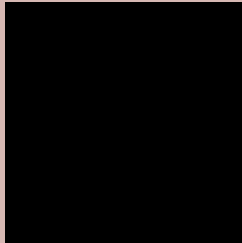
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8318, 0.3427, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 51.8318, 0.3427, 0.3350.



This preview shows how white text looks on a background with the Yxy color 51.8318, 0.3427, 0.3350.

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

51.8318, 0.3427, 0.3350

Protanopia

51.9401, 0.3238, 0.3390

Deuteranopia

51.8318, 0.3427, 0.3350



Tritanopia

51.6322, 0.3307, 0.3115

Trichromacy



Original Color

51.8318, 0.3427, 0.3350

Protanomaly

51.9991, 0.3308, 0.3376

Deuteranomaly

51.8318, 0.3427, 0.3350

Tritanomaly

51.6207, 0.3347, 0.3196

Monochromacy



Original Color

51.8318, 0.3427, 0.3350

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.2624, 0.3234, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8318, 0.3427, 0.3350 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(214, 184, 179)` looks like.

```
.text, #text, p{  
    color:rgb(214, 184, 179)  
}
```

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(214, 184, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 184, 179) }
```

Border

The CSS property to change the border of an element to Yxy 51.8318, 0.3427, 0.3350 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(214, 184, 179) }
```

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

```
.border{ border-color:rgb(214, 184, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 184, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 184, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 184, 179);  
box-shadow:4px 4px 4px 4px rgb(214, 184,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8318, 0.3427, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 184, 179) }
```

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

```
.background{ background-color: rgb(214,  
184, 179) }
```

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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