

Converting Colors

Yxy(51.8448, 0.3321, 0.3277)

Have a look what the booklet for
Yxy(51.8448, 0.3321, 0.3277)
contains.

Yxy(51.7984, 0.3323, 0.3279)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(51.7984, 0.3323, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D1B9BA
RGB	209, 185, 186
RGB Percent	82%, 73%, 73%
CMY	0.1806, 0.2744, 0.2706
CMYK	0.00, 0.11, 0.11, 0.18
HSL	358°, 21%, 77%
HSV	358°, 11%, 82%
XYZ	52.4935, 51.7984, 53.6782
YIQ	192.2900, 13.9830, 5.3990

Conversions

Conversions Part 2

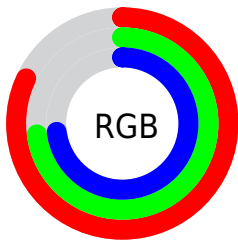
Format	Color
R _Y B	209, 185, 186
Decimal	13744570
CIE Lab	77.16, 8.68, 2.63
CIE LCh	77, 9.065, 16.841
Yxy	51.7984, 0.3323, 0.3279
Android (android.graphics.Color)	4291934650 (0xFFD1B9BA)
YUV	192.2900, -3.1010, 14.6547
Hunter-Lab	71.9711, 4.2429, 6.1595

Details

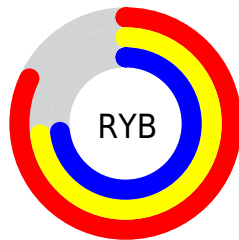
The Yxy color **51.7984, 0.3323, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.4446, 0.2959, 0.3301**, and the grayscale version is **52.9005, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5814, 0.3213, 0.3281**, and **25.0660, 0.3372, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **42.8960, 0.3540, 0.3269**, and if you desaturate by 10%, it is **62.1098, 0.3149, 0.3289**.

Distribution



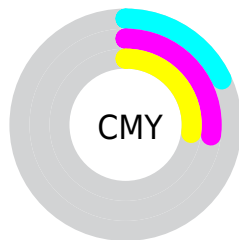
- Red (82%)
- Green (73%)
- Blue (73%)



- Red (82%)
- Yellow (73%)
- Blue (73%)



- Cyan (0%)
- Magenta (11%)
- Yellow (11%)
- Black (18%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7984, 0.3323, 0.3279 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 51.7984, 0.3323, 0.3279 by changing the saturation by 10% instead.


 51.7984, 0.3323,
0.3279

 51.7984, 0.3323,
0.3279


393.6578, 0.3226,
0.3285

 36.8444, 0.3347,
0.3277


 92.8339, 0.3288,
0.3281

 25.0870, 0.3377,
0.3275


119.6841, 0.3275,
0.3282

 16.1419, 0.3417,
0.3272


151.2686, 0.3264,
0.3283

 9.6246, 0.3472,
0.3267

187.9716, 0.3254,
0.3283

 5.1508, 0.3553,
0.3260

230.1777, 0.3246,
0.3284

 2.3360, 0.3683,
0.3247

278.2712, 0.3239,


 0.7927, 0.3975,

0.3284

0.3244


332.6364, 0.3232,
0.3285


 0.0000, 0.0000,
0.0000

 51.7984, 0.3323,
0.3279


 51.7984, 0.3323,
0.3279


 42.8960, 0.3540,
0.3269

 62.1098, 0.3149,
0.3289

 35.3350, 0.3810,
0.3259


 73.8805, 0.3010,
0.3298

 29.0524, 0.4142,
0.3249

 87.1666, 0.2898,
0.3306

 23.9777, 0.4537,
0.3241

 92.2873, 0.2854,
0.3289

 20.0333, 0.4987,
0.3238

■ 17.1328, 0.5457,
0.3240

■ 15.1771, 0.5887,
0.3251

■ 14.0483, 0.6206,
0.3269

■ 13.5657, 0.6364,
0.3280

Harmonies

Analogous

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



51.7984, 0.3225, 0.3179



51.7984, 0.3323, 0.3279



51.7984, 0.3368, 0.3384

Triad

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



51.7984, 0.3323, 0.3279



51.7984, 0.3149, 0.3482



51.7984, 0.2912, 0.3111

Complementary

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



51.7984, 0.3323, 0.3279



60.4446, 0.2959, 0.3301

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.



51.7984, 0.2893, 0.3189



51.7984, 0.3323, 0.3279



51.7984, 0.3028, 0.3405

Square

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



51.7984, 0.3323, 0.3279



51.7984, 0.3266, 0.3504



51.7984, 0.2935, 0.3297



51.7984, 0.2988, 0.3082

Rectangle

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



51.7984, 0.3323, 0.3279



51.7984, 0.3361, 0.3444



51.7984, 0.2935, 0.3297



51.7984, 0.2898, 0.3132

Sweetspot

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



51.8007, 0.3323, 0.3279



94.7519, 0.3174, 0.3287



52.6830, 0.3130, 0.3010



19.9882, 0.3187, 0.3286



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.



51.8007, 0.3323, 0.3279



77.2861, 0.3377, 0.3276



56.4361, 0.3315, 0.3419



11.8158, 0.3284, 0.3281



8.3726, 0.6353, 0.3274



0.4709, 0.6202, 0.3190

Inverse Universe

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



51.8007, 0.3323, 0.3279



77.2861, 0.3377, 0.3276



55.3894, 0.2951, 0.3158



11.8158, 0.3284, 0.3281



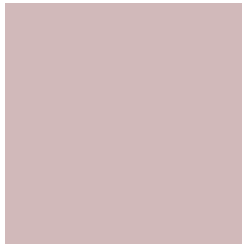
8.3726, 0.6353, 0.3274



0.4709, 0.6202, 0.3190

Previews

White Background



This preview shows how the Yxy color 51.7984, 0.3323, 0.3279 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 51.7984, 0.3323, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

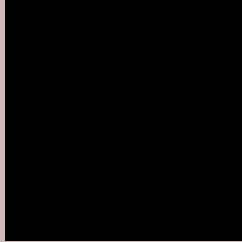
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7984, 0.3323, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 51.7984, 0.3323, 0.3279.



This preview shows how white text looks on a background with the Yxy color 51.7984, 0.3323, 0.3279.

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

51.7984, 0.3323, 0.3279

Protanopia

51.9704, 0.3168, 0.3303

Deuteranopia

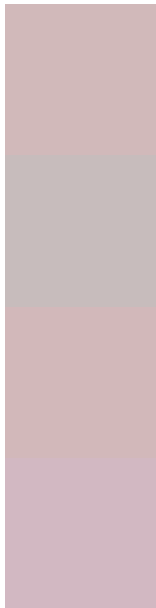
51.6750, 0.3342, 0.3267



Tritanopia

51.7931, 0.3245, 0.3113

Trichromacy



Original Color

51.7984, 0.3323, 0.3279

Protanomaly

51.7394, 0.3219, 0.3290

Deuteranomaly

51.5278, 0.3333, 0.3267

Tritanomaly

51.8777, 0.3268, 0.3172

Monochromacy



Original Color

51.7984, 0.3323, 0.3279

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.1187, 0.3194, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7984, 0.3323, 0.3279 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(209, 185, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 185, 186) }
```

Border

The CSS property to change the border of an element to Yxy 51.7984, 0.3323, 0.3279 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, 186) }
```

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

```
.border{ border-color:rgb(209, 185, 186) }
```

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, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 185, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 185, 186);  
box-shadow:4px 4px 4px 4px rgb(209, 185,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7984, 0.3323, 0.3279 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, 186) }
```

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

```
.background{ background-color: rgb(209,  
185, 186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor