

Converting Colors

$Yxy(53.5943, 0.3329, 0.3291)$

Have a look what the booklet for
Yxy(53.5943, 0.3329, 0.3291)
contains.

Yxy(53.5943, 0.3329, 0.3291)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.5943, 0.3329, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	D4BCBC
RGB	212, 188, 188
RGB Percent	83%, 74%, 74%
CMY	0.1685, 0.2627, 0.2629
CMYK	0.00, 0.11, 0.11, 0.17
HSL	0°, 22%, 78%
HSV	0°, 11%, 83%
XYZ	54.2131, 53.5943, 55.0437
YIQ	195.1760, 14.3040, 5.0880

Conversions

Conversions Part 2

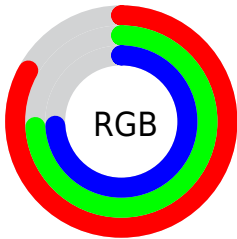
Format	Color
R _Y B	212, 188, 188
Decimal	13941948
CIE Lab	78.22, 8.52, 3.13
CIE LCh	78, 9.077, 20.190
Yxy	53.5943, 0.3329, 0.3291
Android (android.graphics.Color)	4292132028 (0xFFD4BCBC)
YUV	195.1760, -3.5378, 14.7546
Hunter-Lab	73.2081, 4.0712, 6.6668

Details

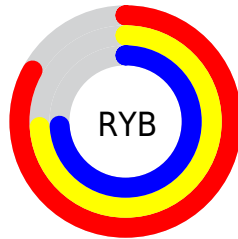
The Yxy color **53.5943, 0.3329, 0.3291** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.5214, 0.2954, 0.3289**, and the grayscale version is **54.7001, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4930, 0.3199, 0.3290**, and **26.2453, 0.3378, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **44.3572, 0.3555, 0.3292**, and if you desaturate by 10%, it is **64.2972, 0.3149, 0.3290**.

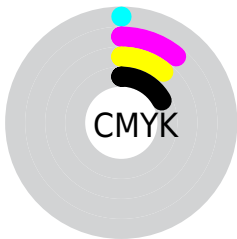
Distribution



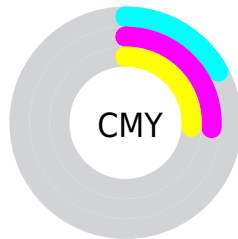
- Red (83%)
- Green (74%)
- Blue (74%)



- Red (83%)
- Yellow (74%)
- Blue (74%)



- Cyan (0%)
- Magenta (11%)
- Yellow (11%)
- Black (17%)




- Cyan (17%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5943, 0.3329, 0.3291 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 53.5943, 0.3329, 0.3291 by changing the saturation by 10% instead.


 53.5943, 0.3329,
0.3291

 53.5943, 0.3329,
0.3291


400.5611, 0.3230,
0.3291

 38.2774, 0.3353,
0.3291


 95.4783, 0.3293,
0.3291

 26.1981, 0.3384,
0.3290


122.8142, 0.3280,
0.3291

 16.9719, 0.3424,
0.3290


154.9252, 0.3269,
0.3291

 10.2144, 0.3480,
0.3288

192.1958, 0.3259,
0.3291

 5.5414, 0.3560,
0.3285

235.0102, 0.3250,
0.3291

 2.5683, 0.3689,
0.3279

283.7530, 0.3243,

 0.9107, 0.3942,

0.3291

0.3278

338.8085, 0.3236,
0.3291

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.5943, 0.3329,
0.3291

53.5943, 0.3329,
0.3291

44.3572, 0.3555,
0.3292

64.2972, 0.3149,
0.3290

36.5155, 0.3837,
0.3293

76.5182, 0.3004,
0.3289

30.0034, 0.4183,
0.3295

90.3159, 0.2888,
0.3289

24.7472, 0.4595,
0.3296

92.7404, 0.2872,
0.3289

■ 20.6662, 0.5060,
0.3298

■ 17.6701, 0.5538,
0.3299

■ 15.6554, 0.5962,
0.3300

■ 14.4989, 0.6259,
0.3300

■ 14.0074, 0.6400,
0.3300

Harmonies

Analogous

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



53.5943, 0.3237, 0.3190



53.5943, 0.3329, 0.3291



53.5943, 0.3366, 0.3394

Triad

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



53.5943, 0.3329, 0.3291



53.5943, 0.3135, 0.3474



53.5943, 0.2920, 0.3107

Complementary

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



53.5943, 0.3329, 0.3291



62.5214, 0.2954, 0.3289

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.



53.5943, 0.2894, 0.3179



53.5943, 0.3329, 0.3291



53.5943, 0.3017, 0.3393

Square

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



53.5943, 0.3329, 0.3291



53.5943, 0.3253, 0.3503



53.5943, 0.2929, 0.3284



53.5943, 0.3000, 0.3085

Rectangle

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



53.5943, 0.3329, 0.3291



53.5943, 0.3355, 0.3450



53.5943, 0.2929, 0.3284



53.5943, 0.2904, 0.3126

Sweetspot

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



53.5967, 0.3329, 0.3291



94.7399, 0.3176, 0.3290



54.7064, 0.3140, 0.3013



19.9850, 0.3190, 0.3290



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.



53.5967, 0.3329, 0.3291



77.2383, 0.3387, 0.3291



58.9353, 0.3312, 0.3431



12.4238, 0.3291, 0.3291



8.6467, 0.6400, 0.3301



0.5226, 0.6396, 0.3304

Inverse Universe

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



62.5214, 0.2954, 0.3289



93.8121, 0.2913, 0.3289



56.7471, 0.2952, 0.3144



14.1045, 0.2983, 0.3289



31.9060, 0.2245, 0.3283



1.9255, 0.2246, 0.3284

Previews

White Background



This preview shows how the Yxy color 53.5943, 0.3329, 0.3291 looks on a white background.

Color Contrast Check

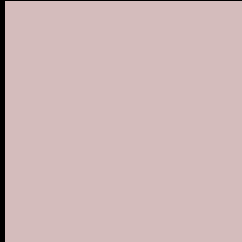
Large Text (above 18pt) WCAG AA × Fail

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 53.5943, 0.3329, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

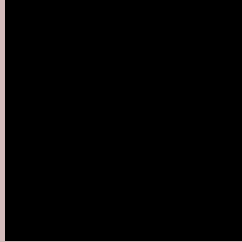
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5943, 0.3329, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 53.5943, 0.3329, 0.3291.



This preview shows how white text looks on a background with the Yxy color 53.5943, 0.3329, 0.3291.

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

53.5943, 0.3329, 0.3291

Protanopia

53.9073, 0.3183, 0.3315

Deuteranopia

53.4676, 0.3347, 0.3279



Tritanopia

53.6310, 0.3244, 0.3116

Trichromacy



Original Color

53.5943, 0.3329, 0.3291

Protanomaly

53.6758, 0.3233, 0.3302

Deuteranomaly

53.3176, 0.3338, 0.3279

Tritanomaly

53.6723, 0.3274, 0.3185

Monochromacy



Original Color

53.5943, 0.3329, 0.3291

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.9226, 0.3200, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5943, 0.3329, 0.3291 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(212, 188, 188)` looks like.

```
.text, #text, p{  
    color:rgb(212, 188, 188)  
}
```

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(212, 188, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 188, 188) }
```

Border

The CSS property to change the border of an element to Yxy 53.5943, 0.3329, 0.3291 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(212, 188, 188) }
```

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

```
.border{ border-color:rgb(212, 188, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 188, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 188, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 188, 188);  
box-shadow:4px 4px 4px 4px rgb(212, 188,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5943, 0.3329, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 188, 188) }
```

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

```
.background{ background-color: rgb(212,  
188, 188) }
```

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