

Converting Colors

Yxy(53.4002, 0.3341, 0.3360)

Have a look what the booklet for
Yxy(53.4002, 0.3341, 0.3360)
contains.

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Color

Yxy(53.3694, 0.3342, 0.3363)

Conversions

Conversions Part 1

Format	Color
Hex	D1BDB7
RGB	209, 189, 183
RGB Percent	82%, 74%, 72%
CMY	0.1804, 0.2588, 0.2825
CMYK	0.00, 0.10, 0.12, 0.18
HSL	14°, 22%, 77%
HSV	14°, 12%, 82%
XYZ	53.0361, 53.3694, 52.2903
YIQ	194.2960, 13.8460, 2.3740

Conversions

Conversions Part 2

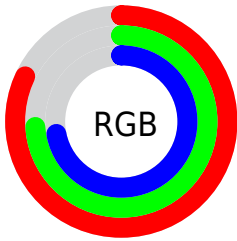
Format	Color
R _Y B	209, 191, 183
Decimal	13745591
CIE Lab	78.09, 6.07, 5.61
CIE LCh	78, 8.260, 42.753
Yxy	53.3694, 0.3342, 0.3363
Android (android.graphics.Color)	4291935671 (0xFFD1BDB7)
YUV	194.2960, -5.5689, 12.8954
Hunter-Lab	73.0544, 1.7426, 8.6999

Details

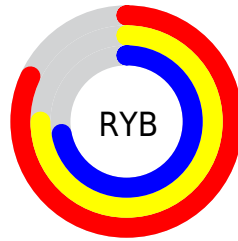
The Yxy color **53.3694, 0.3342, 0.3363** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3606, 0.2936, 0.3216**, and the grayscale version is **54.1607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7968, 0.3229, 0.3349**, and **26.0900, 0.3396, 0.3387** is the 20% darker color. If you saturate the color by 10%, you get **46.0368, 0.3554, 0.3426**, and if you desaturate by 10%, it is **61.6003, 0.3166, 0.3304**.

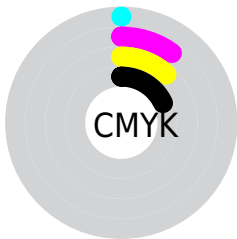
Distribution



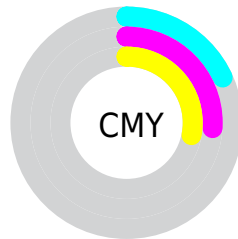
- Red (82%)
- Green (74%)
- Blue (72%)



- Red (82%)
- Yellow (75%)
- Blue (72%)



- Cyan (0%)
- Magenta (10%)
- Yellow (12%)
- Black (18%)





- Cyan (18%)
- Magenta (26%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3694, 0.3342, 0.3363 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 53.3694, 0.3342, 0.3363 by changing the saturation by 10% instead.

 53.3694, 0.3342,
0.3363

 53.3694, 0.3342,
0.3363

399.7008, 0.3237,
0.3328

 38.0977, 0.3368,
0.3371


 95.1477, 0.3304,
0.3351

 26.0586, 0.3401,
0.3381


122.4232, 0.3290,
0.3346

 16.8675, 0.3444,
0.3395

154.4687, 0.3278,
0.3342

 10.1400, 0.3503,
0.3412

191.6686, 0.3267,
0.3339

 5.4919, 0.3589,
0.3437

234.4074, 0.3258,
0.3335

 2.5387, 0.3727,
0.3473

283.0694, 0.3250,

 0.8959, 0.4056,

0.3333

0.3600

338.0391, 0.3243,
0.3330

0.0000, 0.0000,
0.0000

53.3694, 0.3342,
0.3363

53.3694, 0.3342,
0.3363

46.0368, 0.3554,
0.3426

61.6003, 0.3166,
0.3304

39.5649, 0.3807,
0.3491

70.7514, 0.3019,
0.3249

33.9240, 0.4107,
0.3554

80.8527, 0.2897,
0.3199

29.0798, 0.4452,
0.3609

91.1627, 0.2854,
0.3271

24.9955, 0.4836,
0.3649

92.2949, 0.2855,
0.3289

■ 21.6316, 0.5238,
0.3663

■ 18.9446, 0.5622,
0.3641

■ 16.8858, 0.5941,
0.3579

■ 15.7079, 0.6128,
0.3517

Harmonies

Analogous

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



53.3694, 0.3294, 0.3267



53.3694, 0.3342, 0.3363



53.3694, 0.3331, 0.3442

Triad

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



53.3694, 0.3342, 0.3363



53.3694, 0.3052, 0.3406



53.3694, 0.2989, 0.3103

Complementary

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



53.3694, 0.3342, 0.3363



57.3606, 0.2936, 0.3216

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.



53.3694, 0.2927, 0.3136



53.3694, 0.3342, 0.3363



53.3694, 0.2963, 0.3310

Square

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



53.3694, 0.3342, 0.3363



53.3694, 0.3162, 0.3469



53.3694, 0.2917, 0.3211



53.3694, 0.3089, 0.3119

Rectangle

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



53.3694, 0.3342, 0.3363



53.3694, 0.3292, 0.3474



53.3694, 0.2917, 0.3211



53.3694, 0.2963, 0.3109

Sweetspot

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



53.3718, 0.3342, 0.3363



94.4634, 0.3192, 0.3313



51.7396, 0.3186, 0.3050



20.0018, 0.3204, 0.3317



0.0000, 0.0000, 0.0000



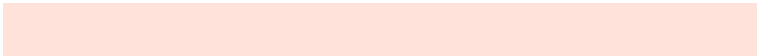
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.3718, 0.3342, 0.3363



80.4441, 0.3396, 0.3380



59.0372, 0.3323, 0.3511



12.2469, 0.3285, 0.3345



9.8113, 0.6104, 0.3535



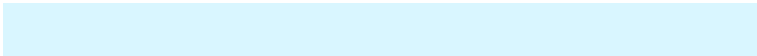
0.6728, 0.5739, 0.3825

Inverse Universe

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



57.3606, 0.2936, 0.3216



87.9229, 0.2895, 0.3198



51.6444, 0.2933, 0.3059



12.9227, 0.2983, 0.3235



18.6083, 0.2036, 0.2529



1.1563, 0.2079, 0.2685

Previews

White Background



This preview shows how the Yxy color 53.3694, 0.3342, 0.3363 looks on a white background.

Color Contrast Check

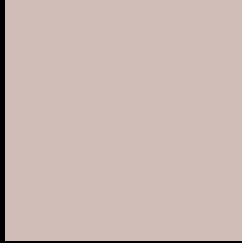
Large Text (above 18pt) WCAG AA × Fail

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 53.3694, 0.3342, 0.3363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

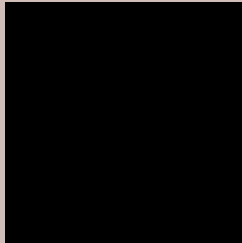
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3694, 0.3342, 0.3363

Background



This preview shows how black text looks on a background with the Yxy color 53.3694, 0.3342, 0.3363.



This preview shows how white text looks on a background with the Yxy color 53.3694, 0.3342, 0.3363.

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

53.3694, 0.3342, 0.3363

Protanopia

53.3442, 0.3238, 0.3376

Deuteranopia

53.4066, 0.3397, 0.3338



Tritanopia

53.1837, 0.3219, 0.3114

Trichromacy



Original Color

53.3694, 0.3342, 0.3363

Protanomaly

53.4188, 0.3280, 0.3376

Deuteranomaly

53.5315, 0.3378, 0.3350

Tritanomaly

53.1373, 0.3265, 0.3207

Monochromacy



Original Color

53.3694, 0.3342, 0.3363

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.5591, 0.3199, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3694, 0.3342, 0.3363 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, 189, 183)` looks like.

```
.text, #text, p{  
    color:rgb(209, 189, 183)  
}
```

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, 189, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 189, 183) }
```

Border

The CSS property to change the border of an element to Yxy 53.3694, 0.3342, 0.3363 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, 189, 183) }
```

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

```
.border{ border-color:rgb(209, 189, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 189, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 189, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 189, 183);  
box-shadow:4px 4px 4px 4px rgb(209, 189,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3694, 0.3342, 0.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 189, 183) }
```

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

```
.background{ background-color: rgb(209,  
189, 183) }
```

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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