

Converting Colors

Yxy(54.6981, 0.3343, 0.3352)

Have a look what the booklet for
Yxy(54.6981, 0.3343, 0.3352)
contains.

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Color

Yxy(54.8038, 0.3340, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	D4BFBA
RGB	212, 191, 186
RGB Percent	83%, 75%, 73%
CMY	0.1687, 0.2509, 0.2706
CMYK	0.00, 0.10, 0.12, 0.17
HSL	12°, 23%, 78%
HSV	12°, 12%, 83%
XYZ	54.6402, 54.8038, 54.1494
YIQ	196.7090, 14.1210, 2.8970

Conversions

Conversions Part 2

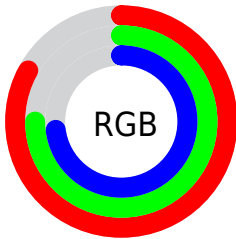
Format	Color
R_{YB}	212, 192, 186
Decimal	13942714
CIE Lab	78.93, 6.57, 5.21
CIE LCh	79, 8.390, 38.420
Yxy	54.8038, 0.3340, 0.3350
Android (android.graphics.Color)	4292132794 (0xFFD4BFBA)
YUV	196.7090, -5.2795, 13.4102
Hunter-Lab	74.0296, 2.1966, 8.4527

Details

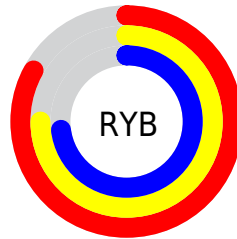
The Yxy color **54.8038, 0.3340, 0.3350** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.7988, 0.2939, 0.3229**, and the grayscale version is **55.6761, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1923, 0.3209, 0.3339**, and **27.0385, 0.3393, 0.3370** is the 20% darker color. If you saturate the color by 10%, you get **46.9398, 0.3555, 0.3403**, and if you desaturate by 10%, it is **63.6778, 0.3163, 0.3301**.

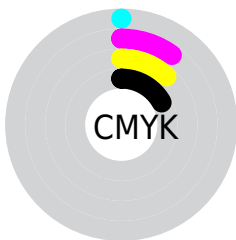
Distribution



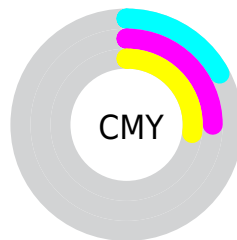
- Red (83%)
- Green (75%)
- Blue (73%)



- Red (83%)
- Yellow (75%)
- Blue (73%)



- Cyan (0%)
- Magenta (10%)
- Yellow (12%)
- Black (17%)





- Cyan (17%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8038, 0.3340, 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 54.8038, 0.3340, 0.3350 by changing the saturation by 10% instead.


 54.8038, 0.3340,
0.3350

 54.8038, 0.3340,
0.3350


405.1678, 0.3236,
0.3322

 39.2447, 0.3365,
0.3357

 97.2534, 0.3303,
0.3340

 26.9501, 0.3397,
0.3365


124.9127, 0.3289,
0.3336

 17.5358, 0.3440,
0.3375


157.3742, 0.3277,
0.3333

 10.6172, 0.3497,
0.3389

195.0222, 0.3266,
0.3330

 5.8101, 0.3581,
0.3408

238.2412, 0.3257,
0.3328

 2.7299, 0.3713,
0.3436

287.4155, 0.3249,

 0.9924, 0.3981,

0.3325

342.9296, 0.3242,
0.3323

0.3505

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.8038, 0.3340,
0.3350

54.8038, 0.3340,
0.3350

46.9398, 0.3555,
0.3403

63.6778, 0.3163,
0.3301

40.0427, 0.3813,
0.3457

73.5884, 0.3016,
0.3255

34.0771, 0.4121,
0.3509

84.5702, 0.2895,
0.3214

29.0026, 0.4479,
0.3555

92.7341, 0.2871,
0.3289

■ 24.7761, 0.4879,
0.3587

■ 21.3502, 0.5297,
0.3596

■ 18.6733, 0.5694,
0.3572

■ 16.6871, 0.6017,
0.3515

■ 15.5751, 0.6202,
0.3458

Harmonies

Analogous

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



54.8038, 0.3284, 0.3253



54.8038, 0.3340, 0.3350



54.8038, 0.3338, 0.3433

Triad

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



54.8038, 0.3340, 0.3350



54.8038, 0.3067, 0.3418



54.8038, 0.2977, 0.3104

Complementary

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



54.8038, 0.3340, 0.3350



59.7988, 0.2939, 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.



54.8038, 0.2921, 0.3143



54.8038, 0.3340, 0.3350



54.8038, 0.2972, 0.3325

Square

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



54.8038, 0.3340, 0.3350



54.8038, 0.3179, 0.3475



54.8038, 0.2919, 0.3224



54.8038, 0.3073, 0.3113

Rectangle

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



54.8038, 0.3340, 0.3350



54.8038, 0.3304, 0.3470



54.8038, 0.2919, 0.3224



54.8038, 0.2952, 0.3112

Sweetspot

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



54.8062, 0.3340, 0.3350



94.2209, 0.3192, 0.3309



53.6256, 0.3178, 0.3044



19.9407, 0.3205, 0.3313



0.0000, 0.0000, 0.0000



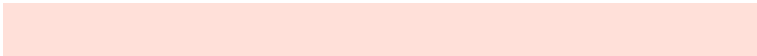
21.4041, 0.3127, 0.3290

Same Dimension

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



54.8062, 0.3340, 0.3350



79.6408, 0.3398, 0.3365



60.6069, 0.3321, 0.3498



12.8050, 0.3286, 0.3336



9.7281, 0.6181, 0.3474



0.7029, 0.5854, 0.3734

Inverse Universe

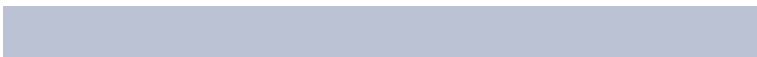
The Inverse Universe completely reimagines the original color for something new.



59.7988, 0.2939, 0.3229



88.8315, 0.2896, 0.3214



53.8744, 0.2936, 0.3073



13.6813, 0.2983, 0.3244



21.0720, 0.2073, 0.2663



1.3779, 0.2106, 0.2783

Previews

White Background



This preview shows how the Yxy color 54.8038, 0.3340, 0.3350 looks on a white background.

Color Contrast Check

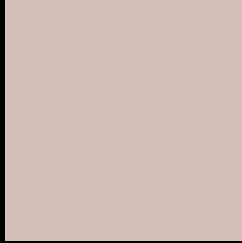
Large Text (above 18pt) WCAG AA × Fail

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 54.8038, 0.3340, 0.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

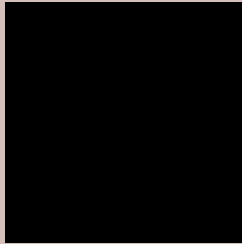
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8038, 0.3340, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 54.8038, 0.3340, 0.3350.



This preview shows how white text looks on a background with the Yxy color 54.8038, 0.3340, 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

54.8038, 0.3340, 0.3350

Protanopia

55.0786, 0.3228, 0.3375

Deuteranopia

54.8458, 0.3394, 0.3326



Tritanopia

54.5744, 0.3226, 0.3116

Trichromacy



Original Color

54.8038, 0.3340, 0.3350

Protanomaly

55.1506, 0.3270, 0.3375

Deuteranomaly

54.9710, 0.3376, 0.3338

Tritanomaly

54.5725, 0.3264, 0.3197

Monochromacy



Original Color

54.8038, 0.3340, 0.3350

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.4370, 0.3198, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8038, 0.3340, 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(212, 191, 186)` looks like.

```
.text, #text, p{  
    color:rgb(212, 191, 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(212, 191, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 191, 186) }
```

Border

The CSS property to change the border of an element to Yxy 54.8038, 0.3340, 0.3350 is called "border". The border property can be set on classes, ids or directly on the HTML element.

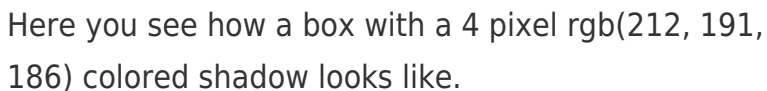
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 191, 186) }
```

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

```
.border{ border-color:rgb(212, 191, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(212, 191, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 191, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 191, 186); box-shadow:4px 4px 4px 4px rgb(212, 191, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8038, 0.3340, 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(212, 191, 186) }
```

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

```
.background{ background-color: rgb(212,  
191, 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](#).

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