

Converting Colors

Yxy(55.2485, 0.3357, 0.3351)

Have a look what the booklet for
Yxy(55.2485, 0.3357, 0.3351)
contains.

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Color

Yxy(55.1029, 0.3357, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	D6BFBA
RGB	214, 191, 186
RGB Percent	84%, 75%, 73%
CMY	0.1609, 0.2509, 0.2707
CMYK	0.00, 0.11, 0.13, 0.16
HSL	11°, 25%, 78%
HSV	11°, 13%, 84%
XYZ	55.2180, 55.1029, 54.1653
YIQ	197.3070, 15.3130, 3.3210

Conversions

Conversions Part 2

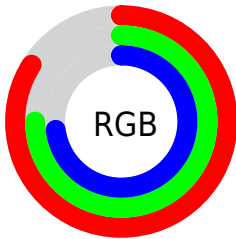
Format	Color
R _Y B	214, 192, 186
Decimal	14073786
CIE Lab	79.10, 7.29, 5.50
CIE LCh	79, 9.129, 37.007
Yxy	55.1029, 0.3357, 0.3350
Android (android.graphics.Color)	4292263866 (0xFFD6BFBA)
YUV	197.3070, -5.5744, 14.6398
Hunter-Lab	74.2313, 2.8750, 8.6990

Details

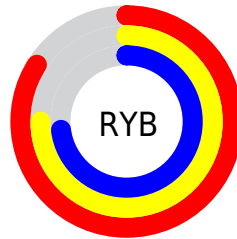
The Yxy color **55.1029, 0.3357, 0.3350** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8600, 0.2927, 0.3229**, and the grayscale version is **56.0564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1923, 0.3209, 0.3339**, and **27.2413, 0.3416, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **47.0616, 0.3576, 0.3399**, and if you desaturate by 10%, it is **64.2022, 0.3176, 0.3304**.

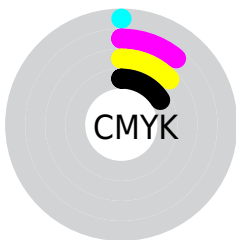
Distribution



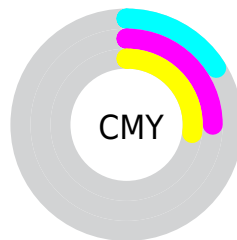
- Red (84%)
- Green (75%)
- Blue (73%)



- Red (84%)
- Yellow (75%)
- Blue (73%)



- Cyan (0%)
- Magenta (11%)
- Yellow (13%)
- Black (16%)





- Cyan (16%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1029, 0.3357, 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 55.1029, 0.3357, 0.3350 by changing the saturation by 10% instead.


 55.1029, 0.3357,
0.3350

 55.1029, 0.3357,
0.3350

406.3019, 0.3245,
0.3322

 39.4841, 0.3384,
0.3357


 97.6917, 0.3317,
0.3340

 27.1365, 0.3419,
0.3365


125.4305, 0.3302,
0.3336

 17.6758, 0.3464,
0.3375


157.9781, 0.3289,
0.3333

 10.7175, 0.3526,
0.3388

195.7189, 0.3277,
0.3330

 5.8772, 0.3616,
0.3407

239.0373, 0.3268,
0.3328

 2.7706, 0.3758,
0.3433

288.3176, 0.3259,

 1.0131, 0.4042,

0.3326

0.3497

343.9444, 0.3251,
0.3324

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.1029, 0.3357,
0.3350

55.1029, 0.3357,
0.3350

47.0616, 0.3576,
0.3399

64.2022, 0.3176,
0.3304

40.0327, 0.3841,
0.3450

74.3885, 0.3027,
0.3261

33.9780, 0.4157,
0.3499

85.6988, 0.2904,
0.3222

28.8541, 0.4523,
0.3541

93.0328, 0.2883,
0.3289

■ 24.6144, 0.4931,
0.3568

■ 21.2081, 0.5355,
0.3573

■ 18.5790, 0.5751,
0.3546

■ 16.6636, 0.6066,
0.3488

■ 15.7123, 0.6225,
0.3440

Harmonies

Analogous

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



55.1029, 0.3293, 0.3245



55.1029, 0.3357, 0.3350



55.1029, 0.3358, 0.3442

Triad

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



55.1029, 0.3357, 0.3350



55.1029, 0.3067, 0.3433



55.1029, 0.2960, 0.3089

Complementary

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



55.1029, 0.3357, 0.3350



60.8600, 0.2927, 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.



55.1029, 0.2902, 0.3134



55.1029, 0.3357, 0.3350



55.1029, 0.2963, 0.3333

Square

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



55.1029, 0.3357, 0.3350



55.1029, 0.3188, 0.3493



55.1029, 0.2903, 0.3223



55.1029, 0.3063, 0.3096

Rectangle

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



55.1029, 0.3357, 0.3350



55.1029, 0.3322, 0.3483



55.1029, 0.2903, 0.3223



55.1029, 0.2934, 0.3098

Sweetspot

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



55.1053, 0.3357, 0.3350



94.1395, 0.3192, 0.3308



54.0190, 0.3178, 0.3021



19.9201, 0.3205, 0.3311



0.0000, 0.0000, 0.0000



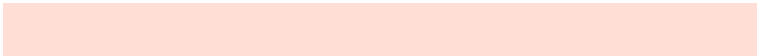
21.4041, 0.3127, 0.3290

Same Dimension

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



55.1053, 0.3357, 0.3350



78.1260, 0.3420, 0.3365



61.3292, 0.3336, 0.3507



12.7787, 0.3287, 0.3333



9.6082, 0.6204, 0.3456



0.6906, 0.5885, 0.3709

Inverse Universe

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



60.8600, 0.2927, 0.3229



88.4696, 0.2881, 0.3214



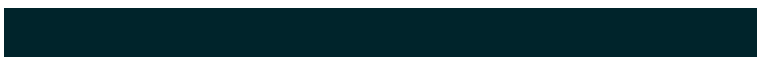
54.4589, 0.2923, 0.3063



13.7099, 0.2983, 0.3247



21.7189, 0.2086, 0.2708



1.4115, 0.2116, 0.2819

Previews

White Background



This preview shows how the Yxy color 55.1029, 0.3357, 0.3350 looks on a white background.

Color Contrast Check

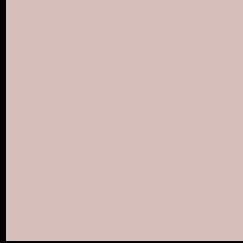
Large Text (above 18pt) WCAG AA × Fail

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 55.1029, 0.3357, 0.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

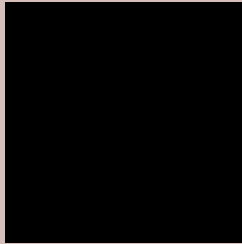
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1029, 0.3357, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 55.1029, 0.3357, 0.3350.

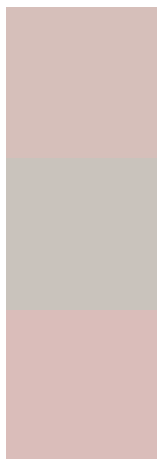


This preview shows how white text looks on a background with the Yxy color 55.1029, 0.3357, 0.3350.

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

55.1029, 0.3357, 0.3350

Protanopia

55.0786, 0.3228, 0.3375

Deuteranopia

54.8458, 0.3394, 0.3326



Tritanopia

54.8772, 0.3242, 0.3117

Trichromacy



Original Color

55.1029, 0.3357, 0.3350

Protanomaly

55.2932, 0.3278, 0.3374

Deuteranomaly

55.1238, 0.3384, 0.3338

Tritanomaly

54.8735, 0.3280, 0.3197

Monochromacy



Original Color

55.1029, 0.3357, 0.3350

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.5770, 0.3206, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1029, 0.3357, 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, 191, 186)` looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 191, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 191, 186) }
```

Border

The CSS property to change the border of an element to Yxy 55.1029, 0.3357, 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, 191, 186) }
```

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

```
.border{ border-color:rgb(214, 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(214, 191, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 191, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 191, 186);  
box-shadow:4px 4px 4px 4px rgb(214, 191,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1029, 0.3357, 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, 191, 186) }
```

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

```
.background{ background-color: rgb(214,  
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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