

Converting Colors

$Yxy(53.3579, 0.3329, 0.3436)$

Have a look what the booklet for
Yxy(53.3579, 0.3329, 0.3436)
contains.

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Color

Yxy(53.3536, 0.3328, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	CCBFB3
RGB	204, 191, 179
RGB Percent	80%, 75%, 70%
CMY	0.2001, 0.2509, 0.2981
CMYK	0.00, 0.06, 0.12, 0.20
HSL	29°, 20%, 75%
HSV	29°, 12%, 80%
XYZ	51.6616, 53.3536, 50.2179
YIQ	193.5190, 11.6000, -0.9760

Conversions

Conversions Part 2

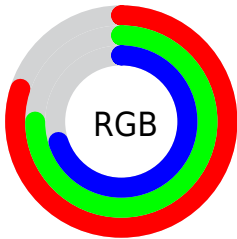
Format	Color
R _Y B	204, 202, 179
Decimal	13418419
CIE Lab	78.08, 2.52, 7.69
CIE LCh	78, 8.090, 71.865
Yxy	53.3536, 0.3328, 0.3437
Android (android.graphics.Color)	4291608499 (0xFFCCBFB3)
YUV	193.5190, -7.1579, 9.1918
Hunter-Lab	73.0435, -1.5784, 10.3682

Details

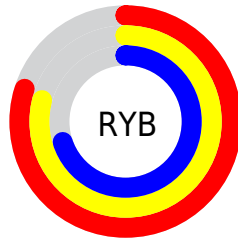
The Yxy color **53.3536, 0.3328, 0.3437** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.6142, 0.2938, 0.3138**, and the grayscale version is **53.6863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7797, 0.3251, 0.3407**, and **26.1673, 0.3389, 0.3487** is the 20% darker color. If you saturate the color by 10%, you get **48.1427, 0.3519, 0.3564**, and if you desaturate by 10%, it is **59.0244, 0.3161, 0.3316**.

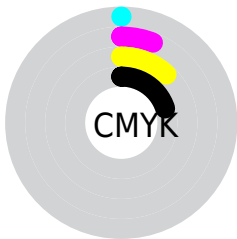
Distribution



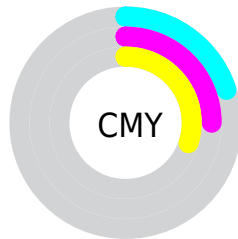
- Red (80%)
- Green (75%)
- Blue (70%)



- Red (80%)
- Yellow (79%)
- Blue (70%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (20%)





- Cyan (20%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3536, 0.3328, 0.3437 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 53.3536, 0.3328, 0.3437 by changing the saturation by 10% instead.


 53.3536, 0.3328,
0.3437

 53.3536, 0.3328,
0.3437


399.6403, 0.3230,
0.3366

 38.0851, 0.3352,
0.3454


 95.1245, 0.3293,
0.3412

 26.0488, 0.3383,
0.3476


122.3957, 0.3279,
0.3402

 16.8601, 0.3423,
0.3504

154.4366, 0.3268,
0.3394

 10.1348, 0.3478,
0.3543

191.6316, 0.3258,
0.3386

 5.4884, 0.3557,
0.3598

234.3650, 0.3250,
0.3380

 2.5366, 0.3684,
0.3683

283.0214, 0.3242,

 0.8949, 0.4070,

0.3375

0.3985

337.9850, 0.3235,
0.3370

0.0000, 0.0000,
0.0000

53.3536, 0.3328,
0.3437

53.3536, 0.3328,
0.3437

48.1427, 0.3519,
0.3564

59.0244, 0.3161,
0.3316

43.3723, 0.3735,
0.3694

65.1598, 0.3017,
0.3203

39.0319, 0.3976,
0.3823

71.7735, 0.2891,
0.3098

35.1077, 0.4240,
0.3941

78.5119, 0.2812,
0.3059

31.5851, 0.4520,
0.4040

84.6914, 0.2819,
0.3173

■ 28.4485, 0.4804,
0.4106

■ 91.2361, 0.2827,
0.3284

■ 25.6807, 0.5073,
0.4126

■ 91.5727, 0.2827,
0.3289

■ 23.2624, 0.5311,
0.4094

■ 21.6072, 0.5471,
0.4038

Harmonies

Analogous

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



53.3536, 0.3337, 0.3359



53.3536, 0.3328, 0.3437



53.3536, 0.3264, 0.3477

Triad

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



53.3536, 0.3328, 0.3437



53.3536, 0.2968, 0.3313



53.3536, 0.3087, 0.3121

Complementary

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



53.3536, 0.3328, 0.3437



51.6142, 0.2938, 0.3138

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.



53.3536, 0.2990, 0.3107



53.3536, 0.3328, 0.3437



53.3536, 0.2922, 0.3215

Square

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



53.3536, 0.3328, 0.3437



53.3536, 0.3056, 0.3406



53.3536, 0.2930, 0.3141



53.3536, 0.3196, 0.3179

Rectangle

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



53.3536, 0.3328, 0.3437



53.3536, 0.3200, 0.3476



53.3536, 0.2930, 0.3141



53.3536, 0.3052, 0.3111

Sweetspot

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



53.3560, 0.3328, 0.3437



96.0322, 0.3190, 0.3337



48.8890, 0.3235, 0.3128



20.3982, 0.3202, 0.3346



0.0000, 0.0000, 0.0000



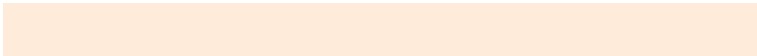
21.4041, 0.3127, 0.3290

Same Dimension

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



53.3560, 0.3328, 0.3437



85.7692, 0.3382, 0.3474



58.8623, 0.3310, 0.3580



12.0901, 0.3278, 0.3402



13.7892, 0.5449, 0.4055



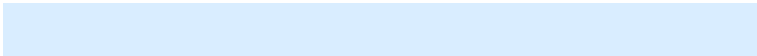
0.8631, 0.5140, 0.4300

Inverse Universe

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



51.6142, 0.2938, 0.3138



82.2605, 0.2891, 0.3099



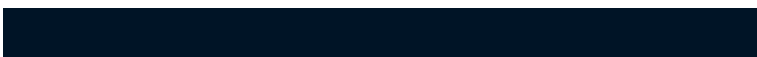
46.5122, 0.2935, 0.2982



11.7901, 0.2983, 0.3176



9.3904, 0.1793, 0.1653



0.6360, 0.1888, 0.1998

Previews

White Background



This preview shows how the Yxy color 53.3536, 0.3328, 0.3437 looks on a white background.

Color Contrast Check

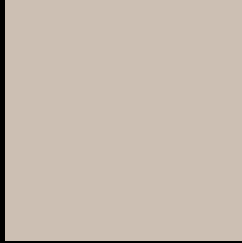
Large Text (above 18pt) WCAG AA × Fail

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 53.3536, 0.3328, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

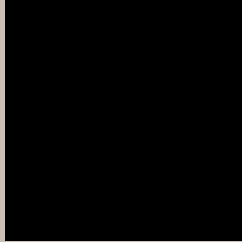
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

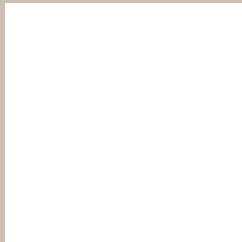
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3536, 0.3328, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 53.3536, 0.3328, 0.3437.



This preview shows how white text looks on a background with the Yxy color 53.3536, 0.3328, 0.3437.

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

53.3536, 0.3328, 0.3437

Protanopia

53.2739, 0.3285, 0.3438

Deuteranopia

53.1648, 0.3441, 0.3362



Tritanopia

53.4961, 0.3176, 0.3125

Trichromacy



Original Color

53.3536, 0.3328, 0.3437

Protanomaly

53.4121, 0.3294, 0.3438

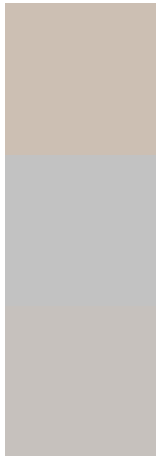
Deuteranomaly

53.2588, 0.3394, 0.3386

Tritanomaly

53.4120, 0.3229, 0.3231

Monochromacy



Original Color

53.3536, 0.3328, 0.3437

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.8198, 0.3198, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3536, 0.3328, 0.3437 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(204, 191, 179)` looks like.

```
.text, #text, p{  
    color:rgb(204, 191, 179)  
}
```

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(204, 191, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 191, 179) }
```

Border

The CSS property to change the border of an element to Yxy 53.3536, 0.3328, 0.3437 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(204, 191, 179) }
```

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

```
.border{ border-color:rgb(204, 191, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 191, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 191, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 191, 179);  
box-shadow:4px 4px 4px 4px rgb(204, 191,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3536, 0.3328, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 191, 179) }
```

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

```
.background{ background-color: rgb(204,  
191, 179) }
```

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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