

Converting Colors

Yxy(53.4326, 0.3349, 0.3552)

Have a look what the booklet for
Yxy(53.4326, 0.3349, 0.3552)
contains.

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Color

Yxy(53.3978, 0.3346, 0.3550)

Conversions

Conversions Part 1

Format	Color
Hex	C8C1AC
RGB	200, 193, 172
RGB Percent	78%, 76%, 67%
CMY	0.2158, 0.2431, 0.3254
CMYK	0.00, 0.03, 0.14, 0.22
HSL	45°, 20%, 73%
HSV	45°, 14%, 78%
XYZ	50.3293, 53.3978, 46.6892
YIQ	192.6990, 10.9130, -5.0470

Conversions

Conversions Part 2

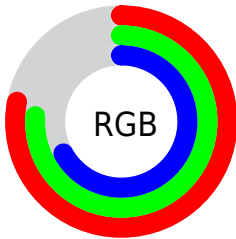
Format	Color
RYB	181, 200, 172
Decimal	13156780
CIELab	78.11, -1.13, 11.44
CIELCh	78, 11.497, 95.650
Yxy	53.3978, 0.3346, 0.3550
Android (android.graphics.Color)	4291346860 (0xFFC8C1AC)
YUV	192.6990, -10.2046, 6.4030
Hunter-Lab	73.0738, -4.9379, 13.2693

Details

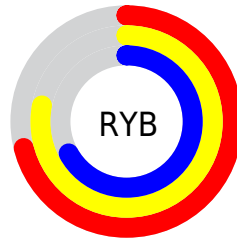
The Yxy color **53.3978, 0.3346, 0.3550** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.1650, 0.2908, 0.3016**, and the grayscale version is **53.1977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5574, 0.3298, 0.3505**, and **26.2232, 0.3402, 0.3623** is the 20% darker color. If you saturate the color by 10%, you get **50.5273, 0.3517, 0.3744**, and if you desaturate by 10%, it is **56.4625, 0.3187, 0.3362**.

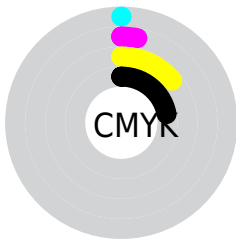
Distribution



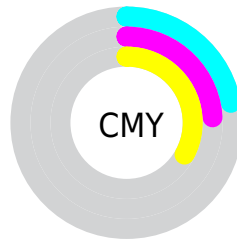
- Red (78%)
- Green (76%)
- Blue (67%)



- Red (71%)
- Yellow (78%)
- Blue (67%)



- Cyan (0%)
- Magenta (3%)
- Yellow (14%)
- Black (22%)



- Cyan (22%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3978, 0.3346, 0.3550 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 53.3978, 0.3346, 0.3550 by changing the saturation by 10% instead.


 53.3978, 0.3346,
0.3550

 53.3978, 0.3346,
0.3550


399.8095, 0.3239,
0.3423

 38.1204, 0.3372,
0.3581

 95.1895, 0.3308,
0.3504

 26.0762, 0.3405,
0.3620


122.4726, 0.3293,
0.3487

 16.8806, 0.3447,
0.3672


154.5263, 0.3281,
0.3472

 10.1494, 0.3506,
0.3742

191.7352, 0.3270,
0.3460

 5.4981, 0.3589,
0.3844

234.4836, 0.3261,
0.3449

 2.5424, 0.3718,
0.4004

283.1558, 0.3253,

 0.8978, 0.4343,

0.3439

0.4723

338.1363, 0.3246,
0.3430

0.0000, 0.0000,
0.0000

53.3978, 0.3346,
0.3550

53.3978, 0.3346,
0.3550

50.5273, 0.3517,
0.3744

56.4625, 0.3187,
0.3362

47.8381, 0.3699,
0.3938

59.7199, 0.3041,
0.3184

45.3263, 0.3885,
0.4127

63.1776, 0.2909,
0.3017

42.9851, 0.4072,
0.4299

66.8405, 0.2790,
0.2862

40.8071, 0.4251,
0.4446

69.5701, 0.2776,
0.2887

■ 38.7843, 0.4414,
0.4557

■ 72.1851, 0.2780,
0.2942

■ 36.9071, 0.4552,
0.4624

■ 74.8782, 0.2784,
0.2997

■ 35.1645, 0.4661,
0.4642

■ 77.6498, 0.2788,
0.3052

■ 34.1682, 0.4717,
0.4637

■ 80.5007, 0.2792,
0.3106

Harmonies

Analogous

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



53.3978, 0.3423, 0.3478



53.3978, 0.3346, 0.3550



53.3978, 0.3211, 0.3552

Triad

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



53.3978, 0.3346, 0.3550



53.3978, 0.2845, 0.3210



53.3978, 0.3193, 0.3112

Complementary

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



53.3978, 0.3346, 0.3550



45.1650, 0.2908, 0.3016

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.



53.3978, 0.3038, 0.3043



53.3978, 0.3346, 0.3550



53.3978, 0.2840, 0.3095

Square

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



53.3978, 0.3346, 0.3550



53.3978, 0.2923, 0.3351



53.3978, 0.2909, 0.3036



53.3978, 0.3334, 0.3226

Rectangle

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



53.3978, 0.3346, 0.3550



53.3978, 0.3108, 0.3510



53.3978, 0.2909, 0.3036



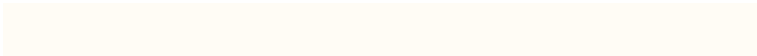
53.3978, 0.3141, 0.3083

Sweetspot

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



53.4002, 0.3346, 0.3550



97.7532, 0.3188, 0.3364



45.0388, 0.3321, 0.3203



20.8341, 0.3200, 0.3378



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.



53.4002, 0.3346, 0.3550



90.8317, 0.3401, 0.3613



55.6053, 0.3277, 0.3639



11.9531, 0.3271, 0.3463



21.8817, 0.4708, 0.4644



1.1456, 0.4579, 0.4746

Inverse Universe

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



45.1650, 0.2908, 0.3016



73.6346, 0.2853, 0.2945



43.2618, 0.2963, 0.2929



10.7088, 0.2983, 0.3111



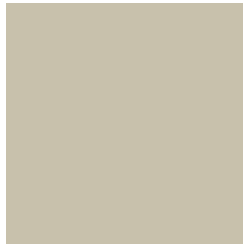
4.2079, 0.1583, 0.0899



0.3182, 0.1700, 0.1319

Previews

White Background



This preview shows how the Yxy color 53.3978, 0.3346, 0.3550 looks on a white background.

Color Contrast Check

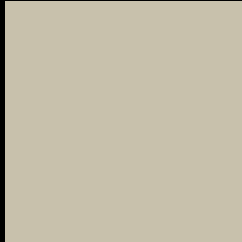
Large Text (above 18pt) WCAG AA × Fail

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 53.3978, 0.3346, 0.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

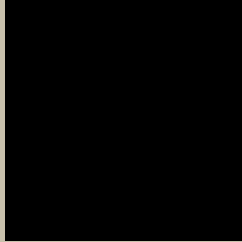
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

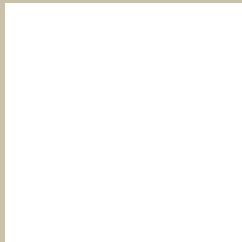
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3978, 0.3346, 0.3550

Background



This preview shows how black text looks on a background with the Yxy color 53.3978, 0.3346, 0.3550.

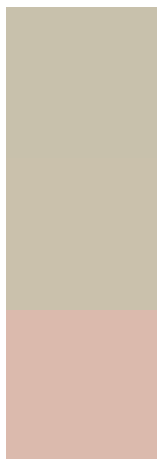


This preview shows how white text looks on a background with the Yxy color 53.3978, 0.3346, 0.3550.

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

53.3978, 0.3346, 0.3550

Protanopia

53.6750, 0.3363, 0.3549

Deuteranopia

53.1950, 0.3517, 0.3444



Tritanopia

53.1156, 0.3144, 0.3112

Trichromacy



Original Color

53.3978, 0.3346, 0.3550

Protanomaly

53.5360, 0.3355, 0.3549

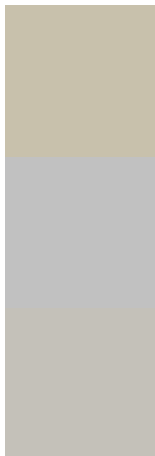
Deuteranomaly

53.4094, 0.3449, 0.3483

Tritanomaly

53.3292, 0.3219, 0.3266

Monochromacy



Original Color

53.3978, 0.3346, 0.3550

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.3785, 0.3212, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3978, 0.3346, 0.3550 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(200, 193, 172)` looks like.

```
.text, #text, p{  
    color:rgb(200, 193, 172)  
}
```

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(200, 193, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 193, 172) }
```

Border

The CSS property to change the border of an element to Yxy 53.3978, 0.3346, 0.3550 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(200, 193, 172) }
```

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

```
.border{ border-color:rgb(200, 193, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 193, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 193, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 193, 172);  
box-shadow:4px 4px 4px 4px rgb(200, 193,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3978, 0.3346, 0.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 193, 172) }
```

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

```
.background{ background-color: rgb(200,  
193, 172) }
```

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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