

Converting Colors

Yxy(53.8440, 0.3274, 0.3475)

Have a look what the booklet for
Yxy(53.8440, 0.3274, 0.3475)
contains.

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Color

Yxy(53.8440, 0.3274, 0.3475)

Conversions

Conversions Part 1

Format	Color
Hex	C6C2B3
RGB	198, 194, 179
RGB Percent	78%, 76%, 70%
CMY	0.2233, 0.2393, 0.2980
CMYK	0.00, 0.02, 0.10, 0.22
HSL	47°, 14%, 74%
HSV	47°, 10%, 78%
XYZ	50.7296, 53.8440, 50.3732
YIQ	193.4860, 7.1990, -3.8170

Conversions

Conversions Part 2

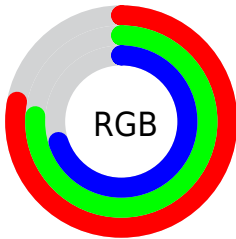
Format	Color
RYB	184, 198, 179
Decimal	13025971
CIELab	78.37, -1.19, 8.02
CIElCh	78, 8.113, 98.429
Yxy	53.8440, 0.3274, 0.3475
Android (android.graphics.Color)	4291216051 (0xFFC6C2B3)
YUV	193.4860, -7.1416, 3.9588
Hunter-Lab	73.3785, -5.0079, 10.6633

Details

The Yxy color $53.8440, 0.3274, 0.3475$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $47.5680, 0.2979, 0.3098$, and the grayscale version is $53.6751, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.6294, 0.3249, 0.3436$, and $26.1918, 0.3316, 0.3524$ is the 20% darker color. If you saturate the color by 10%, you get $51.2429, 0.3438, 0.3675$, and if you desaturate by 10%, it is $56.6187, 0.3122, 0.3283$.

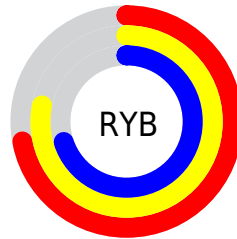
Distribution



Red (78%)

Green (76%)

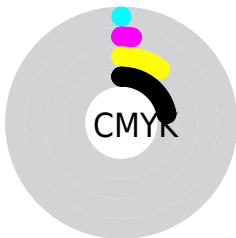
Blue (70%)



Red (72%)

Yellow (78%)

Blue (70%)

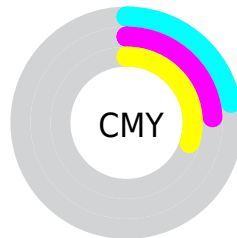


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (22%)



Cyan (22%)

Magenta (24%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8440, 0.3274, 0.3475 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 53.8440, 0.3274, 0.3475 by changing the saturation by 10% instead.

■ 53.8440, 0.3274,
0.3475

■ 53.8440, 0.3274,
0.3475

401.5149, 0.3202,
0.3385

■ 38.4770, 0.3291,
0.3497

■ 95.8452, 0.3248,
0.3443

■ 26.3531, 0.3313,
0.3525

123.2481, 0.3239,
0.3430

■ 17.0880, 0.3342,
0.3562

155.4317, 0.3230,
0.3420

■ 10.2972, 0.3381,
0.3612

192.7805, 0.3223,
0.3411

■ 5.5965, 0.3438,
0.3685

235.6788, 0.3217,
0.3403

■ 2.6013, 0.3526,
0.3800

284.5110, 0.3212,

■ 0.9273, 0.3825,

0.3396

0.4164

339.6616, 0.3207,
0.3390

0.0000, 0.0000,
0.0000

53.8440, 0.3274,
0.3475

53.8440, 0.3274,
0.3475

51.2429, 0.3438,
0.3675

56.6187, 0.3122,
0.3283

48.8030, 0.3611,
0.3878

59.5649, 0.2982,
0.3101

46.5210, 0.3790,
0.4077

62.6898, 0.2855,
0.2932

44.3907, 0.3969,
0.4264

65.7876, 0.2758,
0.2808

42.4055, 0.4142,
0.4429

67.9193, 0.2762,
0.2855

■ 40.5581, 0.4300,
0.4562

■ 70.1069, 0.2765,
0.2903

■ 38.8402, 0.4437,
0.4654

■ 72.3508, 0.2769,
0.2950

■ 37.2419, 0.4546,
0.4700

■ 74.6514, 0.2773,
0.2997

■ 35.7461, 0.4629,
0.4704

■ 77.0091, 0.2776,
0.3044

Harmonies

Analogous

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



53.8440, 0.3332, 0.3430



53.8440, 0.3274, 0.3475



53.8440, 0.3177, 0.3470

Triad

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



53.8440, 0.3274, 0.3475



53.8440, 0.2925, 0.3226



53.8440, 0.3184, 0.3170

Complementary

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



53.8440, 0.3274, 0.3475



47.5680, 0.2979, 0.3098

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.



53.8440, 0.3075, 0.3117



53.8440, 0.3274, 0.3475



53.8440, 0.2926, 0.3147

Square

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



53.8440, 0.3274, 0.3475



53.8440, 0.2976, 0.3324



53.8440, 0.2981, 0.3109



53.8440, 0.3280, 0.3254

Rectangle

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



53.8440, 0.3274, 0.3475



53.8440, 0.3104, 0.3438



53.8440, 0.2981, 0.3109



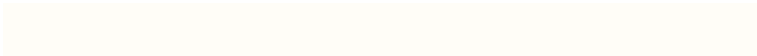
53.8440, 0.3148, 0.3149

Sweetspot

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



53.8464, 0.3274, 0.3475



98.4775, 0.3172, 0.3348



47.6840, 0.3260, 0.3239



20.9922, 0.3185, 0.3363



0.0000, 0.0000, 0.0000



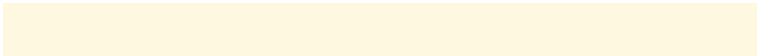
21.4041, 0.3127, 0.3290

Same Dimension

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



53.8464, 0.3274, 0.3475



94.0787, 0.3315, 0.3526



54.9638, 0.3225, 0.3527



12.0171, 0.3270, 0.3470



23.3232, 0.4625, 0.4710



1.2033, 0.4518, 0.4795

Inverse Universe

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



47.5680, 0.2979, 0.3098



80.2521, 0.2938, 0.3043



46.5664, 0.3023, 0.3048



10.6491, 0.2983, 0.3103



3.8480, 0.1565, 0.0833



0.2913, 0.1675, 0.1230

Previews

White Background



This preview shows how the Yxy color 53.8440, 0.3274, 0.3475 looks on a white background.

Color Contrast Check

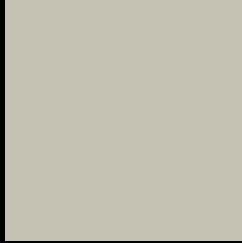
Large Text (above 18pt) WCAG AA × Fail

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 53.8440, 0.3274, 0.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

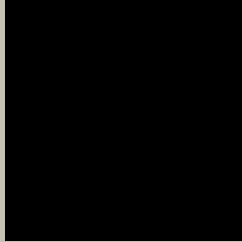
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

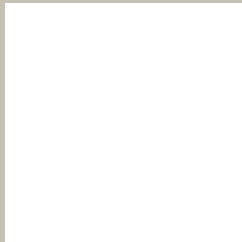
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8440, 0.3274, 0.3475

Background



This preview shows how black text looks on a background with the Yxy color 53.8440, 0.3274, 0.3475.



This preview shows how white text looks on a background with the Yxy color 53.8440, 0.3274, 0.3475.

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

53.8440, 0.3274, 0.3475

Protanopia

53.8121, 0.3300, 0.3462

Deuteranopia

53.7414, 0.3447, 0.3373



Tritanopia

53.7912, 0.3111, 0.3111

Trichromacy



Original Color

53.8440, 0.3274, 0.3475

Protanomaly

53.6740, 0.3292, 0.3462

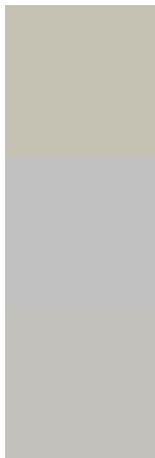
Deuteranomaly

53.9711, 0.3381, 0.3410

Tritanomaly

53.6646, 0.3171, 0.3230

Monochromacy



Original Color

53.8440, 0.3274, 0.3475

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.3729, 0.3181, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8440, 0.3274, 0.3475 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(198, 194, 179)` looks like.

```
.text, #text, p{  
    color:rgb(198, 194, 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(198, 194, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 194, 179) }
```

Border

The CSS property to change the border of an element to Yxy 53.8440, 0.3274, 0.3475 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(198, 194, 179) }
```

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

```
.border{ border-color:rgb(198, 194, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 194, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 194, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 194, 179);  
box-shadow:4px 4px 4px 4px rgb(198, 194,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8440, 0.3274, 0.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 194, 179) }
```

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

```
.background{ background-color: rgb(198,  
194, 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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