

Converting Colors

Yxy(52.3920, 0.3476, 0.3410)

Have a look what the booklet for
Yxy(52.3920, 0.3476, 0.3410)
contains.

Yxy(52.3920, 0.3476, 0.3410)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.3920, 0.3476, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	D8B9AF
RGB	216, 185, 175
RGB Percent	85%, 73%, 69%
CMY	0.1529, 0.2745, 0.3138
CMYK	0.00, 0.14, 0.19, 0.15
HSL	15°, 34%, 77%
HSV	15°, 19%, 85%
XYZ	53.4060, 52.3920, 47.8442
YIQ	193.1290, 21.6860, 3.4620

Conversions

Conversions Part 2

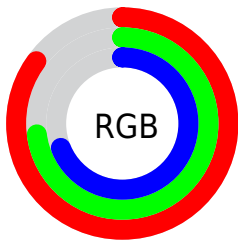
Format	Color
RYB	216, 188, 175
Decimal	14203311
CIELab	77.51, 9.51, 9.18
CIELCh	78, 13.220, 43.991
Yxy	52.3920, 0.3476, 0.3410
Android (android.graphics.Color)	4292393391 (0xFFD8B9AF)
YUV	193.1290, -8.9376, 20.0579
Hunter-Lab	72.3823, 5.0341, 11.4774

Details

The Yxy color **52.3920, 0.3476, 0.3410** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.2056, 0.2837, 0.3167**, and the grayscale version is **53.4533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9401, 0.3282, 0.3388**, and **25.5097, 0.3570, 0.3433** is the 20% darker color. If you saturate the color by 10%, you get **45.1700, 0.3714, 0.3478**, and if you desaturate by 10%, it is **60.5386, 0.3277, 0.3345**.

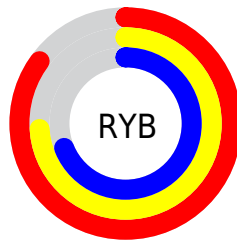
Distribution



Red (85%)

Green (73%)

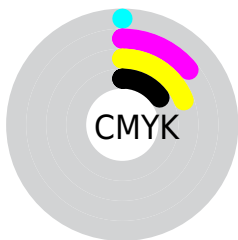
Blue (69%)



Red (85%)

Yellow (74%)

Blue (69%)

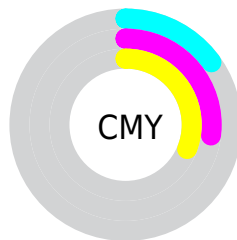


Cyan (0%)

Magenta (14%)

Yellow (19%)

Black (15%)



Cyan (15%)


Magenta (27%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3920, 0.3476, 0.3410 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 52.3920, 0.3476, 0.3410 by changing the saturation by 10% instead.


 52.3920, 0.3476,
0.3410

 52.3920, 0.3476,
0.3410


395.9481, 0.3304,
0.3354

 37.3176, 0.3518,
0.3423


 93.7091, 0.3414,
0.3390

 25.4535, 0.3572,
0.3439


120.7206, 0.3390,
0.3383

 16.4153, 0.3643,
0.3460


152.4800, 0.3371,
0.3376

 9.8185, 0.3741,
0.3487

189.3715, 0.3353,
0.3370

 5.2788, 0.3884,
0.3523

231.7798, 0.3339,
0.3365

 2.4117, 0.4112,
0.3573

280.0890, 0.3326,

 0.8319, 0.4860,

0.3361

0.3902

334.6836, 0.3314,
0.3357

0.0000, 0.0000,
0.0000

52.3920, 0.3476,
0.3410

52.3920, 0.3476,
0.3410

45.1700, 0.3714,
0.3478

60.5386, 0.3277,
0.3345

38.8328, 0.3995,
0.3545

69.6339, 0.3112,
0.3284

33.3478, 0.4322,
0.3608

79.7100, 0.2974,
0.3228

28.6778, 0.4691,
0.3657

90.3771, 0.2892,
0.3241

24.7829, 0.5086,
0.3683

93.3404, 0.2894,
0.3289

■ 21.6193, 0.5476,
0.3675

■ 19.1388, 0.5820,
0.3626

■ 17.2824, 0.6082,
0.3542

■ 17.1261, 0.6105,
0.3534

Harmonies

Analogous

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



52.3920, 0.3402, 0.3258



52.3920, 0.3476, 0.3410



52.3920, 0.3453, 0.3537

Triad

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



52.3920, 0.3476, 0.3410



52.3920, 0.2998, 0.3472



52.3920, 0.2911, 0.2991

Complementary

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



52.3920, 0.3476, 0.3410



58.2056, 0.2837, 0.3167

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.



52.3920, 0.2810, 0.3038



52.3920, 0.3476, 0.3410



52.3920, 0.2859, 0.3314

Square

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



52.3920, 0.3476, 0.3410



52.3920, 0.3174, 0.3579



52.3920, 0.2791, 0.3154



52.3920, 0.3072, 0.3021

Rectangle

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



52.3920, 0.3476, 0.3410



52.3920, 0.3387, 0.3588



52.3920, 0.2791, 0.3154



52.3920, 0.2869, 0.2998

Sweetspot

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



52.3944, 0.3476, 0.3410



91.8971, 0.3226, 0.3327



49.7300, 0.3227, 0.2926



19.4876, 0.3237, 0.3331



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.



52.3944, 0.3476, 0.3410



71.6907, 0.3571, 0.3438



61.3902, 0.3434, 0.3640



12.9087, 0.3285, 0.3348



10.2787, 0.6080, 0.3555



0.7513, 0.5736, 0.3827

Inverse Universe

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



58.2056, 0.2837, 0.3167



81.7187, 0.2773, 0.3136



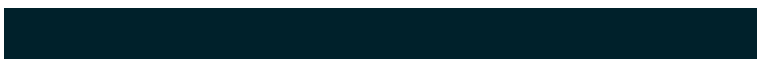
49.1546, 0.2822, 0.2913



13.5699, 0.2982, 0.3232



18.6638, 0.2024, 0.2485



1.2514, 0.2067, 0.2640

Previews

White Background



This preview shows how the Yxy color 52.3920, 0.3476, 0.3410 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 52.3920, 0.3476, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

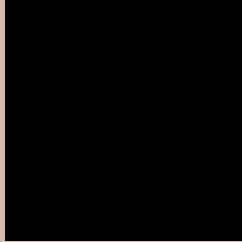
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3920, 0.3476, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 52.3920, 0.3476, 0.3410.



This preview shows how white text looks on a background with the Yxy color 52.3920, 0.3476, 0.3410.

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

52.3920, 0.3476, 0.3410

Protanopia

52.4817, 0.3285, 0.3452

Deuteranopia

52.3920, 0.3476, 0.3410



Tritanopia

52.5015, 0.3331, 0.3128

Trichromacy



Original Color

52.3920, 0.3476, 0.3410

Protanomaly

52.5487, 0.3356, 0.3437

Deuteranomaly

52.3920, 0.3476, 0.3410

Tritanomaly

52.4032, 0.3388, 0.3232

Monochromacy



Original Color

52.3920, 0.3476, 0.3410

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.7896, 0.3249, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3920, 0.3476, 0.3410 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(216, 185, 175)` looks like.

```
.text, #text, p{  
    color:rgb(216, 185, 175)  
}
```

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(216, 185, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 185, 175) }
```

Border

The CSS property to change the border of an element to Yxy 52.3920, 0.3476, 0.3410 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(216, 185, 175) }
```

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

```
.border{ border-color:rgb(216, 185, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 185, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 185, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 185, 175);  
box-shadow:4px 4px 4px 4px rgb(216, 185,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3920, 0.3476, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 185, 175) }
```

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

```
.background{ background-color: rgb(216,  
185, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor