

Converting Colors

$Yxy(40.8374, 0.3441, 0.3297)$

Have a look what the booklet for
Yxy(40.8374, 0.3441, 0.3297)
contains.

Yxy(40.9310, 0.3443, 0.3304)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.9310, 0.3443, 0.3304)

Conversions

Conversions Part 1

Format	Color
Hex	C4A4A3
RGB	196, 164, 163
RGB Percent	77%, 64%, 64%
CMY	0.2313, 0.3569, 0.3608
CMYK	0.00, 0.16, 0.17, 0.23
HSL	2°, 22%, 70%
HSV	2°, 17%, 77%
XYZ	42.6530, 40.9310, 40.2992
YIQ	173.4540, 19.3930, 6.4730

Conversions

Conversions Part 2

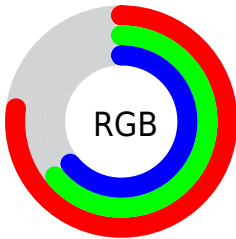
Format	Color
RYB	196, 164, 163
Decimal	12887203
CIELab	70.13, 11.56, 4.90
CIElCh	70, 12.557, 22.967
Yxy	40.9310, 0.3443, 0.3304
Android (android.graphics.Color)	4291077283 (0xFFC4A4A3)
YUV	173.4540, -5.1538, 19.7728
Hunter-Lab	63.9773, 7.0436, 7.4375

Details

The Yxy color **40.9310, 0.3443, 0.3304** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.8043, 0.2875, 0.3276**, and the grayscale version is **42.0537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.6076, 0.3382, 0.3301**, and **18.4868, 0.3547, 0.3309** is the 20% darker color. If you saturate the color by 10%, you get **33.9827, 0.3693, 0.3313**, and if you desaturate by 10%, it is **49.0082, 0.3242, 0.3295**.

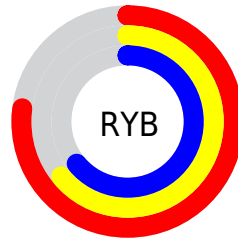
Distribution



Red (77%)

Green (64%)

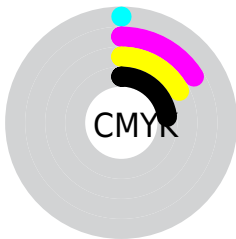
Blue (64%)



Red (77%)

Yellow (64%)

Blue (64%)

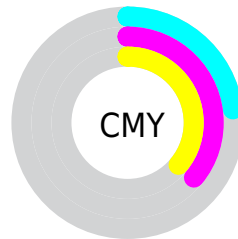


Cyan (0%)

Magenta (16%)

Yellow (17%)

Black (23%)



Cyan (23%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9310, 0.3443, 0.3304 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 40.9310, 0.3443, 0.3304 by changing the saturation by 10% instead.


 40.9310, 0.3443,
0.3304

 40.9310, 0.3443,
0.3304


350.0321, 0.3281,
0.3299

 28.2652, 0.3485,
0.3305


 76.5791, 0.3383,
0.3302

 18.5256, 0.3540,
0.3305


 100.3302, 0.3361,
0.3302

 11.3280, 0.3614,
0.3306


128.5452, 0.3342,
0.3301

 6.2879, 0.3722,
0.3305

161.6085, 0.3326,
0.3301

 3.0209, 0.3889,
0.3300

199.9044, 0.3312,
0.3300

 1.1427, 0.4188,
0.3286

243.8174, 0.3301,

 0.0141, 0.9544,

0.3300

0.0456

293.7318, 0.3290,
0.3299

0.0000, 0.0000,
0.0000

40.9310, 0.3443,
0.3304

40.9310, 0.3443,
0.3304

33.9827, 0.3693,
0.3313

49.0082, 0.3242,
0.3295

28.1077, 0.4001,
0.3322

58.2555, 0.3080,
0.3288

23.2544, 0.4374,
0.3331

68.7190, 0.2949,
0.3281

19.3643, 0.4805,
0.3337

80.4404, 0.2844,
0.3274

16.3734, 0.5273,
0.3340

90.4774, 0.2784,
0.3289

■ 14.2095, 0.5728,
0.3337

■ 12.7899, 0.6100,
0.3328

■ 12.0133, 0.6329,
0.3315

■ 11.8672, 0.6380,
0.3316

Harmonies

Analogous

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



40.9310, 0.3308, 0.3152



40.9310, 0.3443, 0.3304



40.9310, 0.3491, 0.3457

Triad

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



40.9310, 0.3443, 0.3304



40.9310, 0.3120, 0.3563



40.9310, 0.2823, 0.3007

Complementary

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



40.9310, 0.3443, 0.3304



50.8043, 0.2875, 0.3276

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.



40.9310, 0.2777, 0.3107



40.9310, 0.3443, 0.3304



40.9310, 0.2945, 0.3433

Square

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



40.9310, 0.3443, 0.3304



40.9310, 0.3301, 0.3614



40.9310, 0.2821, 0.3263



40.9310, 0.2949, 0.2983

Rectangle

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



40.9310, 0.3443, 0.3304



40.9310, 0.3466, 0.3540



40.9310, 0.2821, 0.3263



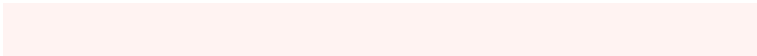
40.9310, 0.2798, 0.3033

Sweetspot

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



40.9328, 0.3443, 0.3304



91.5712, 0.3210, 0.3294



41.8906, 0.3151, 0.2884



19.3560, 0.3223, 0.3295



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.



40.9328, 0.3443, 0.3304



69.5488, 0.3524, 0.3307



47.0456, 0.3409, 0.3509



10.1260, 0.3288, 0.3298



7.6472, 0.6375, 0.3320



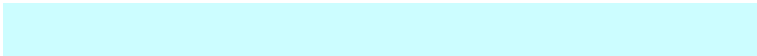
0.3478, 0.6279, 0.3396

Inverse Universe

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



50.8043, 0.2875, 0.3276



90.5885, 0.2826, 0.3273



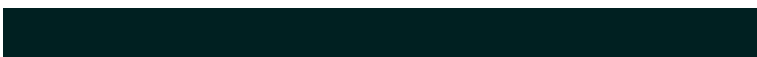
43.9932, 0.2865, 0.3061



11.3740, 0.2984, 0.3282



26.2534, 0.2221, 0.3195



1.1511, 0.2227, 0.3217

Previews

White Background



This preview shows how the Yxy color 40.9310, 0.3443, 0.3304 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 40.9310, 0.3443, 0.3304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

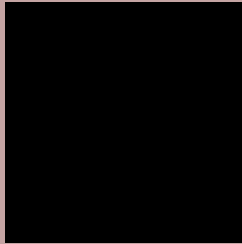
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9310, 0.3443, 0.3304

Background



This preview shows how black text looks on a background with the Yxy color 40.9310, 0.3443, 0.3304.



This preview shows how white text looks on a background with the Yxy color 40.9310, 0.3443, 0.3304.

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

40.9310, 0.3443, 0.3304

Protanopia

41.1459, 0.3206, 0.3345

Deuteranopia

40.9931, 0.3390, 0.3330



Tritanopia

40.8061, 0.3344, 0.3124

Trichromacy



Original Color

40.9310, 0.3443, 0.3304

Protanomaly

40.8257, 0.3284, 0.3317

Deuteranomaly

40.8921, 0.3412, 0.3317

Tritanomaly

41.0050, 0.3380, 0.3188

Monochromacy



Original Color

40.9310, 0.3443, 0.3304

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.4378, 0.3236, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9310, 0.3443, 0.3304 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(196, 164, 163)` looks like.

```
.text, #text, p{  
    color:rgb(196, 164, 163)  
}
```

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(196, 164, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 164, 163) }
```

Border

The CSS property to change the border of an element to Yxy 40.9310, 0.3443, 0.3304 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(196, 164, 163) }
```

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

```
.border{ border-color:rgb(196, 164, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 164, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 164, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 164, 163);  
box-shadow:4px 4px 4px 4px rgb(196, 164,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9310, 0.3443, 0.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 164, 163) }
```

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

```
.background{ background-color: rgb(196,  
164, 163) }
```

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