

Converting Colors

$Yxy(50.9522, 0.3296, 0.3338)$

Have a look what the booklet for
Yxy(50.9522, 0.3296, 0.3338)
contains.

Yxy(51.0518, 0.3294, 0.3340)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.0518, 0.3294, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	CABAB6
RGB	202, 186, 182
RGB Percent	79%, 73%, 71%
CMY	0.2080, 0.2705, 0.2863
CMYK	0.00, 0.08, 0.10, 0.21
HSL	12°, 16%, 75%
HSV	12°, 10%, 79%
XYZ	50.3487, 51.0518, 51.4492
YIQ	190.3280, 10.8200, 2.1480

Conversions

Conversions Part 2

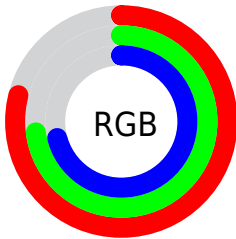
Format	Color
R _Y B	202, 187, 182
Decimal	13286070
CIE Lab	76.71, 4.95, 4.07
CIE LCh	77, 6.407, 39.420
Yxy	51.0518, 0.3294, 0.3340
Android (android.graphics.Color)	4291476150 (0xFFCABAB6)
YUV	190.3280, -4.1057, 10.2363
Hunter-Lab	71.4505, 0.7442, 7.3226

Details

The Yxy color **51.0518, 0.3294, 0.3340** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5564, 0.2976, 0.3239**, and the grayscale version is **51.7086, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9373, 0.3237, 0.3329**, and **24.6559, 0.3344, 0.3357** is the 20% darker color. If you saturate the color by 10%, you get **43.8661, 0.3498, 0.3394**, and if you desaturate by 10%, it is **59.1281, 0.3125, 0.3289**.

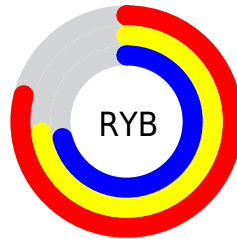
Distribution



Red (79%)

Green (73%)

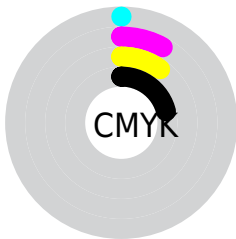
Blue (71%)



Red (79%)

Yellow (73%)

Blue (71%)

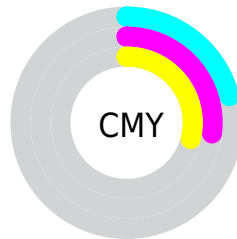


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (21%)



Cyan (21%)


Magenta (27%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0518, 0.3294, 0.3340 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 51.0518, 0.3294, 0.3340 by changing the saturation by 10% instead.

 51.0518, 0.3294,
0.3340

 51.0518, 0.3294,
0.3340


390.7650, 0.3212,
0.3316

 36.2498, 0.3314,
0.3346


 91.7313, 0.3264,
0.3331

 24.6272, 0.3340,
0.3353


118.3777, 0.3253,
0.3328

 15.7995, 0.3375,
0.3362


149.7410, 0.3243,
0.3325

 9.3824, 0.3422,
0.3375

186.2056, 0.3235,
0.3323

 4.9914, 0.3492,
0.3393

228.1559, 0.3228,
0.3321

 2.2422, 0.3605,
0.3420

275.9763, 0.3222,

 0.7429, 0.3949,

0.3319

0.3547

330.0512, 0.3216,
0.3317

0.0000, 0.0000,
0.0000

51.0518, 0.3294,
0.3340

51.0518, 0.3294,
0.3340

43.8661, 0.3498,
0.3394

59.1281, 0.3125,
0.3289

37.5339, 0.3743,
0.3450

68.1174, 0.2986,
0.3243

32.0253, 0.4036,
0.3506

78.0493, 0.2870,
0.3200

27.3060, 0.4377,
0.3556

88.4398, 0.2813,
0.3242

23.3393, 0.4763,
0.3595

91.2899, 0.2816,
0.3289

■ 20.0856, 0.5175,
0.3611

■ 17.5016, 0.5578,
0.3598

■ 15.5388, 0.5924,
0.3548

■ 14.1358, 0.6179,
0.3475

Harmonies

Analogous

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



51.0518, 0.3252, 0.3264



51.0518, 0.3294, 0.3340



51.0518, 0.3291, 0.3404

Triad

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



51.0518, 0.3294, 0.3340



51.0518, 0.3077, 0.3388



51.0518, 0.3011, 0.3144

Complementary

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



51.0518, 0.3294, 0.3340



54.5564, 0.2976, 0.3239

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.



51.0518, 0.2966, 0.3174



51.0518, 0.3294, 0.3340



51.0518, 0.3004, 0.3315

Square

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



51.0518, 0.3294, 0.3340



51.0518, 0.3165, 0.3433



51.0518, 0.2963, 0.3237



51.0518, 0.3088, 0.3152

Rectangle

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



51.0518, 0.3294, 0.3340



51.0518, 0.3263, 0.3432



51.0518, 0.2963, 0.3237



51.0518, 0.2992, 0.3150

Sweetspot

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



51.0540, 0.3294, 0.3340



95.6840, 0.3175, 0.3305



50.0763, 0.3170, 0.3097



20.2386, 0.3189, 0.3309



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.



51.0540, 0.3294, 0.3340



83.5824, 0.3337, 0.3352



55.3900, 0.3281, 0.3460



11.5747, 0.3285, 0.3338



9.1953, 0.6161, 0.3490



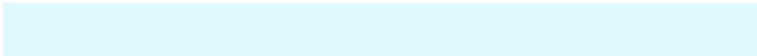
0.5846, 0.5784, 0.3789

Inverse Universe

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



54.5564, 0.2976, 0.3239



90.7694, 0.2941, 0.3227



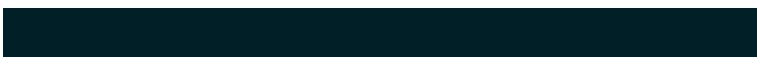
50.1625, 0.2975, 0.3114



12.3270, 0.2983, 0.3242



19.3164, 0.2065, 0.2633



1.0967, 0.2104, 0.2776

Previews

White Background



This preview shows how the Yxy color 51.0518, 0.3294, 0.3340 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 51.0518, 0.3294, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

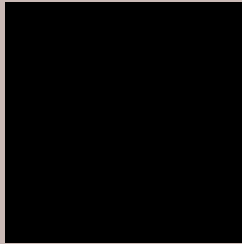
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

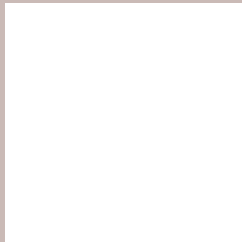
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.0518, 0.3294, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 51.0518, 0.3294, 0.3340.



This preview shows how white text looks on a background with the Yxy color 51.0518, 0.3294, 0.3340.

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

51.0518, 0.3294, 0.3340

Protanopia

51.2834, 0.3215, 0.3365

Deuteranopia

50.9875, 0.3360, 0.3291



Tritanopia

51.1956, 0.3185, 0.3122

Trichromacy



Original Color

51.0518, 0.3294, 0.3340

Protanomaly

51.2557, 0.3241, 0.3352

Deuteranomaly

50.9653, 0.3332, 0.3303

Tritanomaly

51.2002, 0.3224, 0.3205

Monochromacy



Original Color

51.0518, 0.3294, 0.3340

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.4524, 0.3184, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0518, 0.3294, 0.3340 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(202, 186, 182)` looks like.

```
.text, #text, p{  
    color:rgb(202, 186, 182)  
}
```

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(202, 186, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 186, 182) }
```

Border

The CSS property to change the border of an element to Yxy 51.0518, 0.3294, 0.3340 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(202, 186, 182) }
```

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

```
.border{ border-color:rgb(202, 186, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 186, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 186, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 186, 182); box-shadow:4px 4px 4px 4px rgb(202, 186, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0518, 0.3294, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 186, 182) }
```

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

```
.background{ background-color: rgb(202,  
186, 182) }
```

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