

Converting Colors

Yxy(49.9383, 0.3195, 0.3435)

Have a look what the booklet for
Yxy(49.9383, 0.3195, 0.3435)
contains.

Yxy(50.0086, 0.3195, 0.3444)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.0086, 0.3195, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	BABDB1
RGB	186, 189, 177
RGB Percent	73%, 74%, 69%
CMY	0.2704, 0.2589, 0.3059
CMYK	0.02, 0.00, 0.06, 0.26
HSL	75°, 8%, 72%
HSV	75°, 6%, 74%
XYZ	46.3930, 50.0086, 48.8034
YIQ	186.7350, 2.0640, -4.3680

Conversions

Conversions Part 2

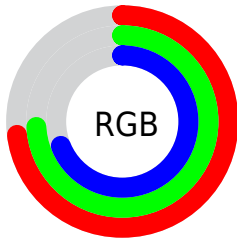
Format	Color
RYB	177, 189, 180
Decimal	12238257
CIELab	76.07, -3.19, 5.69
CIELCh	76, 6.525, 119.314
Yxy	50.0086, 0.3195, 0.3444
Android (android.graphics.Color)	4290428337 (0xFFBABDB1)
YUV	186.7350, -4.7994, -0.6446
Hunter-Lab	70.7168, -6.6513, 8.5842

Details

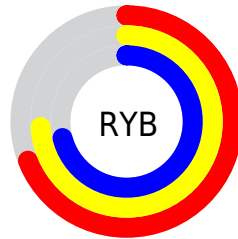
The Yxy color **50.0086, 0.3195, 0.3444** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.8149, 0.3057, 0.3134**, and the grayscale version is **49.5689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0653, 0.3180, 0.3410**, and **24.0501, 0.3219, 0.3500** is the 20% darker color. If you saturate the color by 10%, you get **48.7383, 0.3303, 0.3698**, and if you desaturate by 10%, it is **51.4064, 0.3089, 0.3204**.

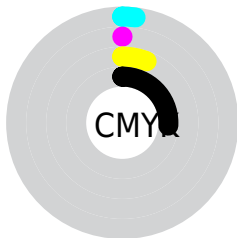
Distribution



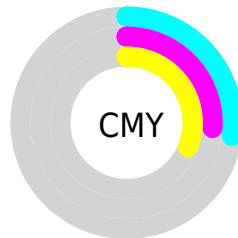
- Red (73%)
- Green (74%)
- Blue (69%)



- Red (69%)
- Yellow (74%)
- Blue (71%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (26%)



- Cyan (27%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.0086, 0.3195, 0.3444 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 50.0086, 0.3195, 0.3444 by changing the saturation by 10% instead.

■ 50.0086, 0.3195,
0.3444

■ 50.0086, 0.3195,
0.3444

386.6996, 0.3162,
0.3367

■ 35.4202, 0.3203,
0.3463

■ 90.1876, 0.3183,
0.3416

■ 23.9868, 0.3213,
0.3487

116.5471, 0.3179,
0.3406

■ 15.3238, 0.3227,
0.3520

147.5990, 0.3175,
0.3397

■ 9.0470, 0.3246,
0.3565

183.7278, 0.3171,
0.3389

■ 4.7718, 0.3273,
0.3632

225.3178, 0.3168,
0.3383

■ 2.1140, 0.3316,
0.3742

272.7536, 0.3166,

■ 0.6725, 0.3579,

0.3377

0.4289

326.4193, 0.3164,
0.3372

0.0000, 0.0000,
0.0000

50.0086, 0.3195,
0.3444

50.0086, 0.3195,
0.3444

48.7383, 0.3303,
0.3698

51.4064, 0.3089,
0.3204

47.5845, 0.3411,
0.3963

52.9294, 0.2987,
0.2981

46.5446, 0.3514,
0.4231

54.5836, 0.2890,
0.2777

45.6137, 0.3607,
0.4493

56.3730, 0.2800,
0.2591

44.7861, 0.3685,
0.4739

57.1924, 0.2818,
0.2575

■ 44.0557, 0.3744,
0.4957

■ 57.8778, 0.2851,
0.2581

■ 43.4157, 0.3779,
0.5138

■ 58.5829, 0.2884,
0.2588

■ 42.8583, 0.3788,
0.5274

■ 59.3079, 0.2918,
0.2595

■ 42.3730, 0.3774,
0.5364

■ 60.0531, 0.2952,
0.2602

Harmonies

Analogous

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



50.0086, 0.3267, 0.3435



50.0086, 0.3195, 0.3444



50.0086, 0.3106, 0.3410

Triad

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



50.0086, 0.3195, 0.3444



50.0086, 0.2956, 0.3190



50.0086, 0.3232, 0.3238

Complementary

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



50.0086, 0.3195, 0.3444



44.8149, 0.3057, 0.3134

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.



50.0086, 0.3147, 0.3174



50.0086, 0.3195, 0.3444



50.0086, 0.2988, 0.3146

Square

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



50.0086, 0.3195, 0.3444



50.0086, 0.2969, 0.3261



50.0086, 0.3058, 0.3141



50.0086, 0.3289, 0.3315

Rectangle

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



50.0086, 0.3195, 0.3444



50.0086, 0.3048, 0.3368



50.0086, 0.3058, 0.3141



50.0086, 0.3205, 0.3214

Sweetspot

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



50.0108, 0.3195, 0.3444



90.6313, 0.3149, 0.3339



46.5536, 0.3230, 0.3326



19.4955, 0.3148, 0.3336



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



50.0108, 0.3195, 0.3444



89.1583, 0.3214, 0.3489



49.2920, 0.3146, 0.3446



10.9997, 0.3228, 0.3519



28.4384, 0.3771, 0.5388



1.1427, 0.3878, 0.5303

Inverse Universe

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



44.8149, 0.3057, 0.3134



77.3722, 0.3036, 0.3088



45.5323, 0.3107, 0.3136



9.3351, 0.3021, 0.3055



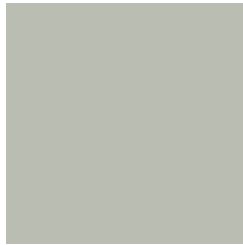
2.8975, 0.1649, 0.0682



0.1452, 0.1908, 0.0825

Previews

White Background



This preview shows how the Yxy color 50.0086, 0.3195, 0.3444 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 50.0086, 0.3195, 0.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

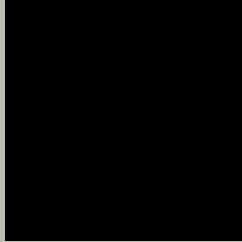
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

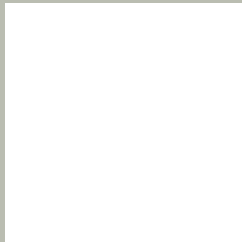
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.0086, 0.3195, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 50.0086, 0.3195, 0.3444.



This preview shows how white text looks on a background with the Yxy color 50.0086, 0.3195, 0.3444.

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

50.0086, 0.3195, 0.3444

Protanopia

50.1446, 0.3273, 0.3429

Deuteranopia

49.8577, 0.3388, 0.3315



Tritanopia

50.2351, 0.3053, 0.3116

Trichromacy



Original Color

50.0086, 0.3195, 0.3444

Protanomaly

50.1774, 0.3246, 0.3443

Deuteranomaly

49.9128, 0.3321, 0.3365

Tritanomaly

50.1652, 0.3105, 0.3227

Monochromacy



Original Color

50.0086, 0.3195, 0.3444

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.9501, 0.3157, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0086, 0.3195, 0.3444 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(186, 189, 177)` looks like.

```
.text, #text, p{  
    color:rgb(186, 189, 177)  
}
```

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(186, 189, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 189, 177) }
```

Border

The CSS property to change the border of an element to Yxy 50.0086, 0.3195, 0.3444 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(186, 189, 177) }
```

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

```
.border{ border-color:rgb(186, 189, 177) }
```

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

Here you see how a box with a 4 pixel rgb(186, 189, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 189, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 189, 177);  
box-shadow:4px 4px 4px 4px rgb(186, 189,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0086, 0.3195, 0.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 189, 177) }
```

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

```
.background{ background-color: rgb(186,  
189, 177) }
```

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