

Converting Colors

$Yxy(50.2332, 0.3199, 0.3461)$

Have a look what the booklet for
Yxy(50.2332, 0.3199, 0.3461)
contains.

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Color

Yxy(50.4006, 0.3201, 0.3470)

Conversions

Conversions Part 1

Format	Color
Hex	BABEB0
RGB	186, 190, 176
RGB Percent	73%, 75%, 69%
CMY	0.2707, 0.2548, 0.3098
CMYK	0.02, 0.00, 0.07, 0.25
HSL	77°, 10%, 72%
HSV	77°, 7%, 75%
XYZ	46.4935, 50.4006, 48.3526
YIQ	187.2080, 2.1100, -5.2020

Conversions

Conversions Part 2

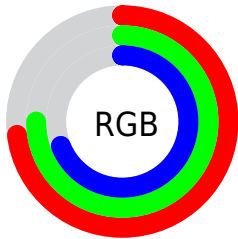
Format	Color
RYB	176, 190, 180
Decimal	12238512
CIELab	76.31, -3.95, 6.58
CIELCh	76, 7.669, 120.960
Yxy	50.4006, 0.3201, 0.3470
Android (android.graphics.Color)	4290428592 (0xFFBABEB0)
YUV	187.2080, -5.5255, -1.0594
Hunter-Lab	70.9934, -7.3390, 9.3138

Details

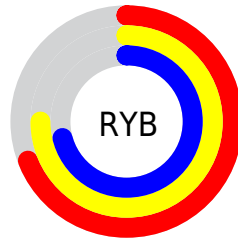
The Yxy color **50.4006, 0.3201, 0.3470** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.4793, 0.3050, 0.3107**, and the grayscale version is **49.8470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6150, 0.3185, 0.3430**, and **24.3331, 0.3217, 0.3517** is the 20% darker color. If you saturate the color by 10%, you get **49.0282, 0.3302, 0.3727**, and if you desaturate by 10%, it is **51.9091, 0.3101, 0.3228**.

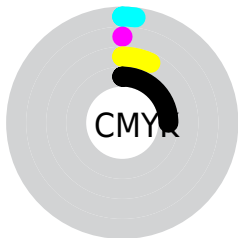
Distribution



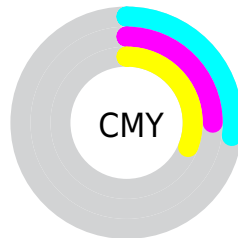
- Red (73%)
- Green (75%)
- Blue (69%)



- Red (69%)
- Yellow (75%)
- Blue (71%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)



- Cyan (27%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4006, 0.3201, 0.3470 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 50.4006, 0.3201, 0.3470 by changing the saturation by 10% instead.


 50.4006, 0.3201,
0.3470

 50.4006, 0.3201,
0.3470


388.2305, 0.3165,
0.3381

 35.7318, 0.3210,
0.3492


 90.7681, 0.3188,
0.3438

 24.2271, 0.3221,
0.3521


117.2357, 0.3183,
0.3425

 15.5022, 0.3235,
0.3559


148.4049, 0.3179,
0.3415

 9.1726, 0.3255,
0.3611

184.6603, 0.3175,
0.3406

 4.8539, 0.3284,
0.3690

226.3861, 0.3172,
0.3398

 2.1618, 0.3329,
0.3818

273.9668, 0.3170,

 0.6991, 0.3622,

0.3392

0.4457

327.7868, 0.3167,
0.3386

0.0000, 0.0000,
0.0000

50.4006, 0.3201,
0.3470

50.4006, 0.3201,
0.3470

49.0282, 0.3302,
0.3727

51.9091, 0.3101,
0.3228

47.7807, 0.3402,
0.3996

53.5515, 0.3005,
0.3004

46.6552, 0.3496,
0.4268

55.3341, 0.2914,
0.2799

45.6466, 0.3580,
0.4536

57.2610, 0.2828,
0.2613

44.7490, 0.3648,
0.4787

58.2613, 0.2849,
0.2592

■ 43.9561, 0.3697,
0.5011

■ 59.0983, 0.2888,
0.2600

■ 43.2606, 0.3722,
0.5197

■ 59.9634, 0.2928,
0.2608

■ 42.6543, 0.3721,
0.5337

■ 60.8568, 0.2969,
0.2616

■ 42.1254, 0.3698,
0.5430

■ 61.7788, 0.3009,
0.2624

Harmonies

Analogous

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



50.4006, 0.3287, 0.3462



50.4006, 0.3201, 0.3470



50.4006, 0.3096, 0.3428

Triad

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



50.4006, 0.3201, 0.3470



50.4006, 0.2928, 0.3168



50.4006, 0.3254, 0.3233

Complementary

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



50.4006, 0.3201, 0.3470



44.4793, 0.3050, 0.3107

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.



50.4006, 0.3156, 0.3158



50.4006, 0.3201, 0.3470



50.4006, 0.2968, 0.3120

Square

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



50.4006, 0.3201, 0.3470



50.4006, 0.2939, 0.3251



50.4006, 0.3051, 0.3117



50.4006, 0.3319, 0.3324

Rectangle

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



50.4006, 0.3201, 0.3470



50.4006, 0.3030, 0.3377



50.4006, 0.3051, 0.3117



50.4006, 0.3224, 0.3206

Sweetspot

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



50.4028, 0.3201, 0.3470



92.7494, 0.3147, 0.3339



46.7151, 0.3247, 0.3341



20.3730, 0.3146, 0.3336



97.7402, 0.3127, 0.3290



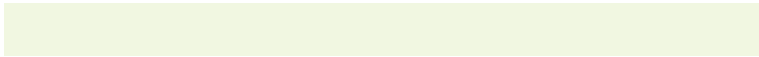
20.4902, 0.3127, 0.3290

Same Dimension

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



50.4028, 0.3201, 0.3470



90.8633, 0.3219, 0.3515



49.5562, 0.3143, 0.3473



10.9783, 0.3221, 0.3520



27.9605, 0.3697, 0.5446



1.1271, 0.3821, 0.5348

Inverse Universe

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



44.4793, 0.3050, 0.3107



77.7109, 0.3030, 0.3061



45.3320, 0.3109, 0.3111



9.3553, 0.3028, 0.3056



3.0454, 0.1698, 0.0709



0.1539, 0.1974, 0.0861

Previews

White Background



This preview shows how the Yxy color 50.4006, 0.3201, 0.3470 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 50.4006, 0.3201, 0.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

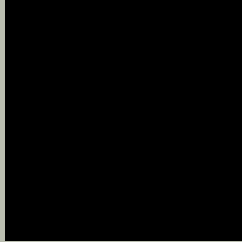
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

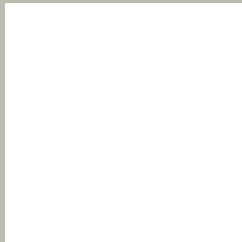
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.4006, 0.3201, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 50.4006, 0.3201, 0.3470.



This preview shows how white text looks on a background with the Yxy color 50.4006, 0.3201, 0.3470.

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

50.4006, 0.3201, 0.3470

Protanopia

50.2379, 0.3289, 0.3442

Deuteranopia

50.3719, 0.3404, 0.3339



Tritanopia

50.2820, 0.3046, 0.3104

Trichromacy



Original Color

50.4006, 0.3201, 0.3470

Protanomaly

50.2681, 0.3262, 0.3455

Deuteranomaly

50.2898, 0.3328, 0.3390

Tritanomaly

50.1652, 0.3105, 0.3227

Monochromacy



Original Color

50.4006, 0.3201, 0.3470

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 50.4006, 0.3201, 0.3470 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, 190, 176)` looks like.

```
.text, #text, p{  
    color:rgb(186, 190, 176)  
}
```

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, 190, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 190, 176) }
```

Border

The CSS property to change the border of an element to Yxy 50.4006, 0.3201, 0.3470 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, 190, 176) }
```

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

```
.border{ border-color:rgb(186, 190, 176) }
```

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

Here you see how a box with a 4 pixel rgb(186, 190, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 190, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 190, 176);  
box-shadow:4px 4px 4px 4px rgb(186, 190,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4006, 0.3201, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 190, 176) }
```

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

```
.background{ background-color: rgb(186,  
190, 176) }
```

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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