

Converting Colors

$Yxy(48.1425, 0.3376, 0.3547)$

Have a look what the booklet for
Yxy(48.1425, 0.3376, 0.3547)
contains.

Yxy(48.4306, 0.3375, 0.3546)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.4306, 0.3375, 0.3546)

Conversions

Conversions Part 1

Format	Color
Hex	C2B8A4
RGB	194, 184, 164
RGB Percent	76%, 72%, 64%
CMY	0.2391, 0.2784, 0.3568
CMYK	0.00, 0.05, 0.15, 0.24
HSL	40°, 20%, 70%
HSV	40°, 15%, 76%
XYZ	46.0951, 48.4306, 42.0524
YIQ	184.7100, 12.3800, -4.1000

Conversions

Conversions Part 2

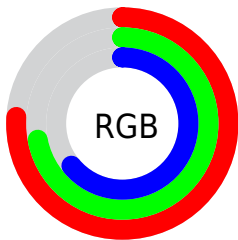
Format	Color
RYB	179, 194, 164
Decimal	12761252
CIELab	75.10, 0.18, 11.41
CIELCh	75, 11.414, 89.097
Yxy	48.4306, 0.3375, 0.3546
Android (android.graphics.Color)	4290951332 (0xFFC2B8A4)
YUV	184.7100, -10.2100, 8.1473
Hunter-Lab	69.5921, -3.5547, 12.8873

Details

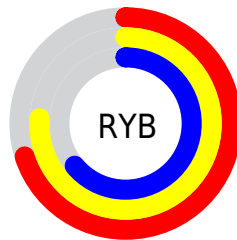
The Yxy color **48.4306, 0.3375, 0.3546** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.0833, 0.2885, 0.3020**, and the grayscale version is **48.4021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9439, 0.3332, 0.3500**, and **22.9779, 0.3445, 0.3622** is the 20% darker color. If you saturate the color by 10%, you get **45.1516, 0.3555, 0.3720**, and if you desaturate by 10%, it is **51.9444, 0.3210, 0.3378**.

Distribution



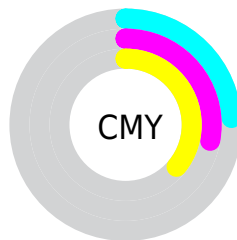
- Red (76%)
- Green (72%)
- Blue (64%)



- Red (70%)
- Yellow (76%)
- Blue (64%)



- Cyan (0%)
- Magenta (5%)
- Yellow (15%)
- Black (24%)




- Cyan (24%)
- Magenta (28%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4306, 0.3375, 0.3546 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 48.4306, 0.3375, 0.3546 by changing the saturation by 10% instead.

 48.4306, 0.3375,
0.3546


 48.4306, 0.3375,
0.3546


380.4964, 0.3252,
0.3419

 34.1680, 0.3405,
0.3577


 87.8452, 0.3330,
0.3500

 23.0227, 0.3444,
0.3618


 113.7660, 0.3314,
0.3483

 14.6103, 0.3496,
0.3671


144.3416, 0.3299,
0.3468

 8.5463, 0.3567,
0.3744

179.9565, 0.3287,
0.3455

 4.4465, 0.3672,
0.3852

220.9950, 0.3277,
0.3445

 1.9263, 0.3840,
0.4024

267.8416, 0.3267,

 0.5641, 0.4893,

0.3435

0.5107

320.8806, 0.3259,
0.3426

0.0000, 0.0000,
0.0000

48.4306, 0.3375,
0.3546

48.4306, 0.3375,
0.3546

45.1516, 0.3555,
0.3720

51.9444, 0.3210,
0.3378

42.0944, 0.3750,
0.3894

55.6926, 0.3062,
0.3219

39.2544, 0.3955,
0.4063

59.6833, 0.2929,
0.3070

36.6241, 0.4166,
0.4216

63.9219, 0.2810,
0.2932

34.1956, 0.4373,
0.4344

68.0190, 0.2738,
0.2866

■ 31.9601, 0.4568,
0.4435

■ 71.4162, 0.2744,
0.2939

■ 29.9076, 0.4739,
0.4479

■ 74.9460, 0.2750,
0.3012

■ 28.0262, 0.4880,
0.4474

■ 78.6101, 0.2756,
0.3083

■ 27.2186, 0.4938,
0.4461

■ 82.4097, 0.2762,
0.3154

Harmonies

Analogous

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



48.4306, 0.3437, 0.3459



48.4306, 0.3375, 0.3546



48.4306, 0.3247, 0.3565

Triad

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



48.4306, 0.3375, 0.3546



48.4306, 0.2849, 0.3238



48.4306, 0.3160, 0.3088

Complementary

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



48.4306, 0.3375, 0.3546



42.0833, 0.2885, 0.3020

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.



48.4306, 0.3003, 0.3029



48.4306, 0.3375, 0.3546



48.4306, 0.2827, 0.3111

Square

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



48.4306, 0.3375, 0.3546



48.4306, 0.2944, 0.3384



48.4306, 0.2882, 0.3037



48.4306, 0.3311, 0.3197

Rectangle

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



48.4306, 0.3375, 0.3546



48.4306, 0.3142, 0.3534



48.4306, 0.2882, 0.3037



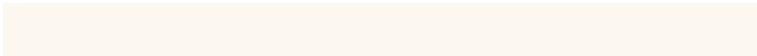
48.4306, 0.3106, 0.3062

Sweetspot

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



48.4327, 0.3375, 0.3546



94.3377, 0.3204, 0.3372



41.1090, 0.3317, 0.3155



20.5558, 0.3216, 0.3384



0.0000, 0.0000, 0.0000



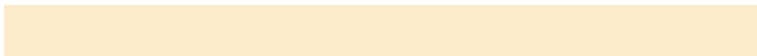
21.4041, 0.3127, 0.3290

Same Dimension

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



48.4327, 0.3375, 0.3546



85.3948, 0.3443, 0.3612



52.1599, 0.3318, 0.3673



11.1728, 0.3273, 0.3443



18.0471, 0.4925, 0.4471



0.9023, 0.4724, 0.4631

Inverse Universe

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



42.0833, 0.2885, 0.3020



71.4203, 0.2821, 0.2945



38.8390, 0.2918, 0.2886



10.2858, 0.2984, 0.3132



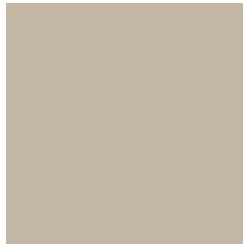
5.1707, 0.1639, 0.1100



0.3518, 0.1769, 0.1567

Previews

White Background



This preview shows how the Yxy color 48.4306, 0.3375, 0.3546 looks on a white background.

Color Contrast Check

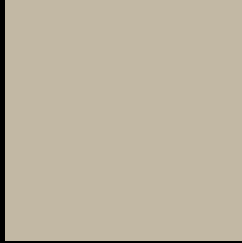
Large Text (above 18pt) WCAG AA × Fail

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 48.4306, 0.3375, 0.3546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

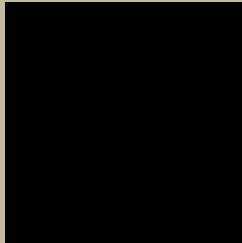
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

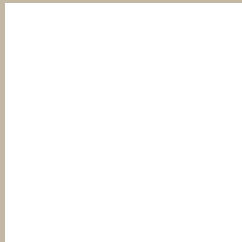
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.4306, 0.3375, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 48.4306, 0.3375, 0.3546.

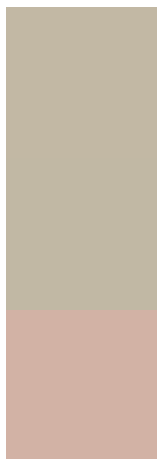


This preview shows how white text looks on a background with the Yxy color 48.4306, 0.3375, 0.3546.

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

48.4306, 0.3375, 0.3546

Protanopia

48.2988, 0.3366, 0.3547

Deuteranopia

48.2590, 0.3524, 0.3450



Tritanopia

48.5433, 0.3169, 0.3118

Trichromacy



Original Color

48.4306, 0.3375, 0.3546

Protanomaly

48.2988, 0.3366, 0.3547

Deuteranomaly

48.1965, 0.3465, 0.3478

Tritanomaly

48.3370, 0.3249, 0.3265

Monochromacy



Original Color

48.4306, 0.3375, 0.3546

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.5636, 0.3216, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4306, 0.3375, 0.3546 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(194, 184, 164)` looks like.

```
.text, #text, p{  
    color:rgb(194, 184, 164)  
}
```

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(194, 184, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 184, 164) }
```

Border

The CSS property to change the border of an element to Yxy 48.4306, 0.3375, 0.3546 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(194, 184, 164) }
```

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

```
.border{ border-color:rgb(194, 184, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 184, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 184, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 184, 164);  
box-shadow:4px 4px 4px 4px rgb(194, 184,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4306, 0.3375, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 184, 164) }
```

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

```
.background{ background-color: rgb(194,  
184, 164) }
```

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