

Converting Colors

$Yxy(48.1460, 0.3305, 0.3646)$

Have a look what the booklet for
Yxy(48.1460, 0.3305, 0.3646)
contains.

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Color

Yxy(48.1460, 0.3305, 0.3646)

Conversions

Conversions Part 1

Format	Color
Hex	B7BBA0
RGB	183, 187, 160
RGB Percent	72%, 73%, 63%
CMY	0.2824, 0.2666, 0.3724
CMYK	0.02, 0.00, 0.14, 0.27
HSL	69°, 17%, 68%
HSV	69°, 14%, 73%
XYZ	43.6430, 48.1460, 40.2625
YIQ	182.7260, 6.2830, -9.2450

Conversions

Conversions Part 2

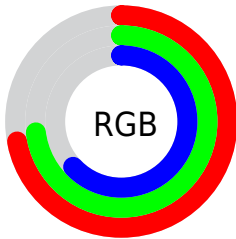
Format	Color
R_{YB}	160, 187, 164
Decimal	12041120
CIE Lab	74.92, -6.14, 13.20
CIE LCh	75, 14.560, 114.953
Yxy	48.1460, 0.3305, 0.3646
Android (android.graphics.Color)	4290231200 (0xFFB7BBA0)
YUV	182.7260, -11.2039, 0.2403
Hunter-Lab	69.3873, -9.1554, 14.1676

Details

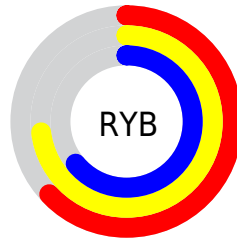
The Yxy color $48.1460, 0.3305, 0.3646$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $36.6371, 0.2934, 0.2916$, and the grayscale version is $47.2567, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.3582, 0.3272, 0.3577$, and $22.8787, 0.3359, 0.3760$ is the 20% darker color. If you saturate the color by 10%, you get $47.2035, 0.3430, 0.3903$, and if you desaturate by 10%, it is $49.1980, 0.3181, 0.3397$.

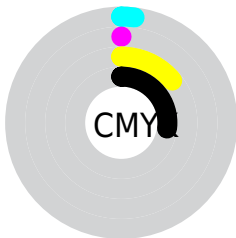
Distribution



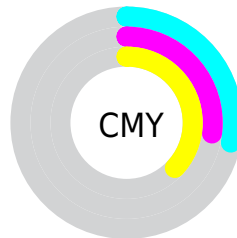
- Red (72%)
- Green (73%)
- Blue (63%)



- Red (63%)
- Yellow (73%)
- Blue (64%)



- Cyan (2%)
- Magenta (0%)
- Yellow (14%)
- Black (27%)




- Cyan (28%)
- Magenta (27%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.1460, 0.3305, 0.3646 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 48.1460, 0.3305, 0.3646 by changing the saturation by 10% instead.


 48.1460, 0.3305,
0.3646


 48.1460, 0.3305,
0.3646


379.3705, 0.3218,
0.3467

 33.9425, 0.3326,
0.3691


 87.4217, 0.3274,
0.3581

 22.8494, 0.3353,
0.3749


 113.2628, 0.3262,
0.3556

 14.4824, 0.3388,
0.3827


143.7518, 0.3252,
0.3535

 8.4569, 0.3436,
0.3936

179.2732, 0.3243,
0.3518

 4.3887, 0.3503,
0.4099

220.2114, 0.3236,
0.3502

 1.8933, 0.3607,
0.4372

266.9508, 0.3229,

 0.5443, 0.4030,

0.3489

0.5970

319.8757, 0.3223,
0.3477

0.0000, 0.0000,
0.0000

48.1460, 0.3305,
0.3646

48.1460, 0.3305,
0.3646

47.2035, 0.3430,
0.3903

49.1980, 0.3181,
0.3397

46.3597, 0.3551,
0.4162

50.3572, 0.3061,
0.3160

45.6119, 0.3663,
0.4413

51.6297, 0.2946,
0.2939

44.9551, 0.3762,
0.4646

53.0192, 0.2839,
0.2735

44.3834, 0.3842,
0.4852

54.5293, 0.2739,
0.2549

■ 43.8907, 0.3898,
0.5020

■ 55.0031, 0.2749,
0.2539

■ 43.4694, 0.3930,
0.5146

■ 55.3898, 0.2769,
0.2543

■ 43.1108, 0.3936,
0.5227

■ 55.7834, 0.2789,
0.2547

■ 42.9280, 0.3932,
0.5260

■ 56.1841, 0.2809,
0.2551

Harmonies

Analogous

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



48.1460, 0.3461, 0.3606



48.1460, 0.3305, 0.3646



48.1460, 0.3105, 0.3584

Triad

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



48.1460, 0.3305, 0.3646



48.1460, 0.2743, 0.3079



48.1460, 0.3338, 0.3149

Complementary

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



48.1460, 0.3305, 0.3646



36.6371, 0.2934, 0.2916

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.



48.1460, 0.3139, 0.3019



48.1460, 0.3305, 0.3646



48.1460, 0.2800, 0.2975

Square

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



48.1460, 0.3305, 0.3646



48.1460, 0.2785, 0.3247



48.1460, 0.2943, 0.2955



48.1460, 0.3481, 0.3316

Rectangle

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



48.1460, 0.3305, 0.3646



48.1460, 0.2974, 0.3492



48.1460, 0.2943, 0.2955



48.1460, 0.3275, 0.3100

Sweetspot

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



48.1481, 0.3305, 0.3646



88.1778, 0.3177, 0.3388



39.5215, 0.3384, 0.3339



19.3853, 0.3186, 0.3406



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.



48.1481, 0.3305, 0.3646



85.7253, 0.3341, 0.3719



46.6198, 0.3192, 0.3659



11.0465, 0.3242, 0.3518



29.6001, 0.3936, 0.5257



1.1793, 0.4001, 0.5205

Inverse Universe

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



36.6371, 0.2934, 0.2916



61.5257, 0.2891, 0.2835



38.0999, 0.3052, 0.2929



9.2918, 0.3006, 0.3054



2.6610, 0.1567, 0.0637



0.1263, 0.1757, 0.0741

Previews

White Background



This preview shows how the Yxy color 48.1460, 0.3305, 0.3646 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 48.1460, 0.3305, 0.3646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

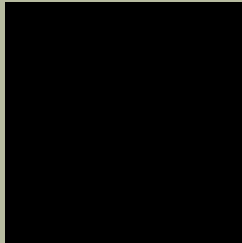
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

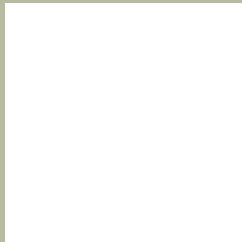
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.1460, 0.3305, 0.3646

Background



This preview shows how black text looks on a background with the Yxy color 48.1460, 0.3305, 0.3646.



This preview shows how white text looks on a background with the Yxy color 48.1460, 0.3305, 0.3646.

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

48.1460, 0.3305, 0.3646

Protanopia

48.0871, 0.3416, 0.3626

Deuteranopia

47.7546, 0.3553, 0.3476



Tritanopia

48.1328, 0.3068, 0.3114

Trichromacy



Original Color

48.1460, 0.3305, 0.3646

Protanomaly

48.0199, 0.3370, 0.3629

Deuteranomaly

47.9003, 0.3460, 0.3544

Tritanomaly

48.1390, 0.3152, 0.3303

Monochromacy



Original Color

48.1460, 0.3305, 0.3646

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.4434, 0.3190, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1460, 0.3305, 0.3646 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(183, 187, 160)` looks like.

```
.text, #text, p{  
    color:rgb(183, 187, 160)  
}
```

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(183, 187, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 187, 160) }
```

Border

The CSS property to change the border of an element to Yxy 48.1460, 0.3305, 0.3646 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(183, 187, 160) }
```

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

```
.border{ border-color:rgb(183, 187, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 187, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 187, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 187, 160);  
box-shadow:4px 4px 4px 4px rgb(183, 187,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1460, 0.3305, 0.3646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 187, 160) }
```

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

```
.background{ background-color: rgb(183,  
187, 160) }
```

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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