

Converting Colors

$Y_{xy}(48.8756, 0.3222, 0.3550)$

Have a look what the booklet for
Yxy(48.8756, 0.3222, 0.3550)
contains.

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Color

Yxy(48.6548, 0.3216, 0.3540)

Conversions

Conversions Part 1

Format	Color
Hex	B5BCA9
RGB	181, 188, 169
RGB Percent	71%, 74%, 66%
CMY	0.2901, 0.2627, 0.3373
CMYK	0.04, 0.00, 0.10, 0.26
HSL	82°, 12%, 70%
HSV	82°, 10%, 74%
XYZ	44.2016, 48.6548, 44.5865
YIQ	183.7410, 1.9270, -7.3930

Conversions

Conversions Part 2

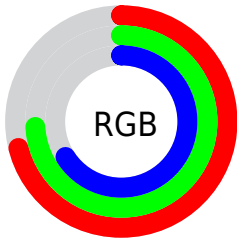
Format	Color
RYB	169, 188, 176
Decimal	11910313
CIELab	75.24, -5.88, 8.79
CIELCh	75, 10.572, 123.789
Yxy	48.6548, 0.3216, 0.3540
Android (android.graphics.Color)	4290100393 (0xFFB5BCA9)
YUV	183.7410, -7.2673, -2.4039
Hunter-Lab	69.7530, -8.9544, 10.9286

Details

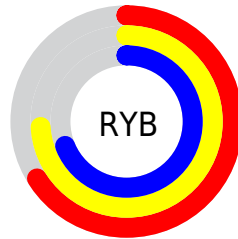
The Yxy color **48.6548, 0.3216, 0.3540** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.2249, 0.3032, 0.3037**, and the grayscale version is **47.8240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0877, 0.3202, 0.3494**, and **23.2015, 0.3237, 0.3614** is the 20% darker color. If you saturate the color by 10%, you get **47.1867, 0.3304, 0.3804**, and if you desaturate by 10%, it is **50.2700, 0.3128, 0.3293**.

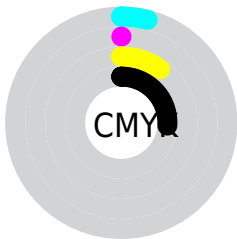
Distribution



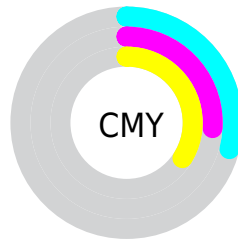
- Red (71%)
- Green (74%)
- Blue (66%)



- Red (66%)
- Yellow (74%)
- Blue (69%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (26%)





- Cyan (29%)
- Magenta (26%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6548, 0.3216, 0.3540 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 48.6548, 0.3216, 0.3540 by changing the saturation by 10% instead.


 48.6548, 0.3216,
0.3540

 48.6548, 0.3216,
0.3540


381.3818, 0.3173,
0.3414

 34.3457, 0.3227,
0.3572


 88.1785, 0.3200,
0.3494

 23.1593, 0.3240,
0.3612


114.1620, 0.3195,
0.3477

 14.7112, 0.3257,
0.3667


144.8057, 0.3190,
0.3463

 8.6169, 0.3281,
0.3743

180.4940, 0.3185,
0.3450

 4.4922, 0.3315,
0.3858

221.6114, 0.3181,
0.3439

 1.9525, 0.3366,
0.4049

268.5422, 0.3178,

 0.5797, 0.4058,

0.3430

0.5774

321.6709, 0.3175,
0.3422

0.0000, 0.0000,
0.0000

48.6548, 0.3216,
0.3540

48.6548, 0.3216,
0.3540

47.1867, 0.3304,
0.3804

50.2700, 0.3128,
0.3293

45.8546, 0.3389,
0.4080

52.0306, 0.3043,
0.3065

44.6551, 0.3467,
0.4361

53.9431, 0.2961,
0.2857

43.5829, 0.3533,
0.4637

56.0118, 0.2884,
0.2669

42.6316, 0.3583,
0.4897

57.7159, 0.2863,
0.2573

■ 41.7947, 0.3612,
0.5127

■ 58.7867, 0.2913,
0.2584

■ 41.0645, 0.3618,
0.5316

■ 59.9022, 0.2965,
0.2594

■ 40.4322, 0.3599,
0.5457

■ 61.0629, 0.3016,
0.2605

■ 39.8866, 0.3562,
0.5553

■ 62.2694, 0.3068,
0.2615

Harmonies

Analogous

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



48.6548, 0.3341, 0.3534



48.6548, 0.3216, 0.3540



48.6548, 0.3069, 0.3475

Triad

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



48.6548, 0.3216, 0.3540



48.6548, 0.2852, 0.3111



48.6548, 0.3316, 0.3222

Complementary

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



48.6548, 0.3216, 0.3540



41.2249, 0.3032, 0.3037

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.



48.6548, 0.3181, 0.3116



48.6548, 0.3216, 0.3540



48.6548, 0.2915, 0.3050

Square

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



48.6548, 0.3216, 0.3540



48.6548, 0.2862, 0.3222



48.6548, 0.3034, 0.3053



48.6548, 0.3400, 0.3348

Rectangle

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



48.6548, 0.3216, 0.3540



48.6548, 0.2979, 0.3400



48.6548, 0.3034, 0.3053



48.6548, 0.3275, 0.3183

Sweetspot

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



48.6569, 0.3216, 0.3540



90.2205, 0.3154, 0.3363



44.5880, 0.3293, 0.3382



19.3500, 0.3161, 0.3383



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.



48.6569, 0.3216, 0.3540



87.6065, 0.3234, 0.3594



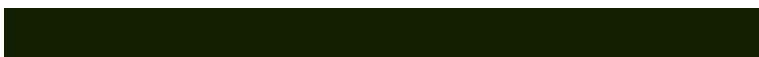
47.5471, 0.3136, 0.3546



10.9406, 0.3209, 0.3521



27.1995, 0.3570, 0.5547



1.1013, 0.3722, 0.5427

Inverse Universe

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



41.2249, 0.3032, 0.3037



71.6005, 0.3010, 0.2982



42.3712, 0.3116, 0.3043



9.3914, 0.3040, 0.3057



3.3734, 0.1805, 0.0768



0.1696, 0.2089, 0.0925

Previews

White Background



This preview shows how the Yxy color 48.6548, 0.3216, 0.3540 looks on a white background.

Color Contrast Check

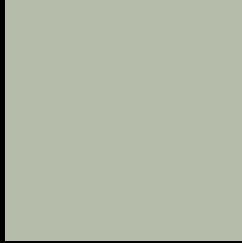
Large Text (above 18pt) WCAG AA × Fail

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 48.6548, 0.3216, 0.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

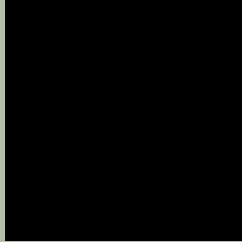
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.6548, 0.3216, 0.3540

Background



This preview shows how black text looks on a background with the Yxy color 48.6548, 0.3216, 0.3540.



This preview shows how white text looks on a background with the Yxy color 48.6548, 0.3216, 0.3540.

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

48.6548, 0.3216, 0.3540

Protanopia

48.8254, 0.3340, 0.3521

Deuteranopia

48.5904, 0.3451, 0.3389



Tritanopia

48.6725, 0.3028, 0.3113

Trichromacy



Original Color

48.6548, 0.3216, 0.3540

Protanomaly

48.7638, 0.3295, 0.3523

Deuteranomaly

48.3639, 0.3364, 0.3442

Tritanomaly

48.4761, 0.3103, 0.3264

Monochromacy



Original Color

48.6548, 0.3216, 0.3540

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.0199, 0.3157, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6548, 0.3216, 0.3540 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(181, 188, 169)` looks like.

```
.text, #text, p{  
    color:rgb(181, 188, 169)  
}
```

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(181, 188, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 188, 169) }
```

Border

The CSS property to change the border of an element to Yxy 48.6548, 0.3216, 0.3540 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(181, 188, 169) }
```

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

```
.border{ border-color:rgb(181, 188, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 188, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 188, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 188, 169);  
box-shadow:4px 4px 4px 4px rgb(181, 188,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6548, 0.3216, 0.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 188, 169) }
```

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

```
.background{ background-color: rgb(181,  
188, 169) }
```

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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