

Converting Colors

Yxy(52.3458, 0.3168, 0.3664)

Have a look what the booklet for
Yxy(52.3458, 0.3168, 0.3664)
contains.

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Color

Yxy(52.4828, 0.3165, 0.3670)

Conversions

Conversions Part 1

Format	Color
Hex	B0C6A9
RGB	176, 198, 169
RGB Percent	69%, 78%, 66%
CMY	0.3097, 0.2235, 0.3374
CMYK	0.11, 0.00, 0.15, 0.22
HSL	105°, 20%, 72%
HSV	105°, 15%, 78%
XYZ	45.2611, 52.4828, 45.2611
YIQ	188.1160, -3.8030, -13.6830

Conversions

Conversions Part 2

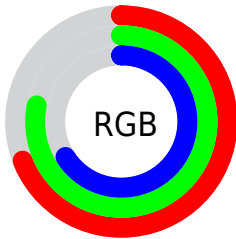
Format	Color
R _Y B	169, 198, 191
Decimal	11585193
CIE Lab	77.57, -12.86, 12.06
CIE LCh	78, 17.634, 136.840
Yxy	52.4828, 0.3165, 0.3670
Android (android.graphics.Color)	4289775273 (0xFFB0C6A9)
YUV	188.1160, -9.4242, -10.6257
Hunter-Lab	72.4450, -15.2584, 13.6692

Details

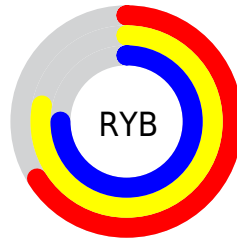
The Yxy color **52.4828, 0.3165, 0.3670** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.5072, 0.3082, 0.2925**, and the grayscale version is **50.4167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0576, 0.3162, 0.3605**, and **25.4418, 0.3168, 0.3774** is the 20% darker color. If you saturate the color by 10%, you get **50.1453, 0.3188, 0.3963**, and if you desaturate by 10%, it is **55.1302, 0.3140, 0.3404**.

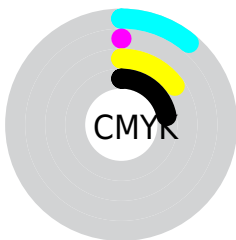
Distribution



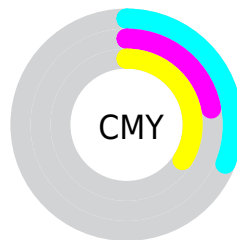
- Red (69%)
- Green (78%)
- Blue (66%)



- Red (66%)
- Yellow (78%)
- Blue (75%)



- Cyan (11%)
- Magenta (0%)
- Yellow (15%)
- Black (22%)





- Cyan (31%)
- Magenta (22%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4828, 0.3165, 0.3670 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 52.4828, 0.3165, 0.3670 by changing the saturation by 10% instead.


 52.4828, 0.3165,
0.3670

 52.4828, 0.3165,
0.3670

396.2977, 0.3149,
0.3480

 37.3901, 0.3168,
0.3718


 93.8429, 0.3160,
0.3601

 25.5096, 0.3172,
0.3779

120.8790, 0.3157,
0.3575

 16.4572, 0.3177,
0.3861


152.6650, 0.3155,
0.3553

 9.8482, 0.3181,
0.3975

189.5854, 0.3154,
0.3534

 5.2984, 0.3185,
0.4146

232.0244, 0.3152,
0.3518

 2.4234, 0.3182,
0.4427

280.3665, 0.3151,

 0.8379, 0.3472,

0.3503

0.6031

334.9962, 0.3150,
0.3491

0.0000, 0.0000,
0.0000

52.4828, 0.3165,
0.3670

52.4828, 0.3165,
0.3670

50.1453, 0.3188,
0.3963

55.1302, 0.3140,
0.3404

48.0997, 0.3206,
0.4278

58.0915, 0.3113,
0.3167

46.3363, 0.3218,
0.4608

61.3790, 0.3086,
0.2957

44.8422, 0.3220,
0.4937

65.0024, 0.3060,
0.2773

43.6034, 0.3211,
0.5248

68.1078, 0.3123,
0.2727

■ 42.6048, 0.3190,
0.5520

■ 68.8689, 0.3153,
0.2732

■ 41.8293, 0.3157,
0.5731

■ 41.2572, 0.3116,
0.5872

■ 41.0212, 0.3094,
0.5925

Harmonies

Analogous

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



52.4828, 0.3393, 0.3709



52.4828, 0.3165, 0.3670



52.4828, 0.2933, 0.3517

Triad

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



52.4828, 0.3165, 0.3670



52.4828, 0.2715, 0.2944



52.4828, 0.3509, 0.3264

Complementary

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



52.4828, 0.3165, 0.3670



43.5072, 0.3082, 0.2925

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.



52.4828, 0.3315, 0.3078



52.4828, 0.3165, 0.3670



52.4828, 0.2857, 0.2895

Square

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



52.4828, 0.3165, 0.3670



52.4828, 0.2680, 0.3088



52.4828, 0.3075, 0.2945



52.4828, 0.3597, 0.3464

Rectangle

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



52.4828, 0.3165, 0.3670



52.4828, 0.2807, 0.3374



52.4828, 0.3075, 0.2945



52.4828, 0.3453, 0.3198

Sweetspot

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



52.4851, 0.3165, 0.3670



97.9257, 0.3138, 0.3389



52.0181, 0.3357, 0.3563



20.8788, 0.3140, 0.3408



0.0000, 0.0000, 0.0000



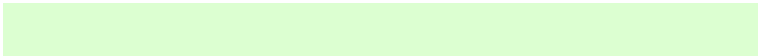
21.4041, 0.3127, 0.3290

Same Dimension

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



52.4851, 0.3165, 0.3670



91.3854, 0.3174, 0.3773



51.9630, 0.3057, 0.3578



12.0104, 0.3152, 0.3526



26.7105, 0.3102, 0.5919



1.2997, 0.3258, 0.5796

Inverse Universe

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



43.5072, 0.3082, 0.2925



72.0736, 0.3069, 0.2831



44.1178, 0.3205, 0.3019



10.6817, 0.3100, 0.3060



6.8996, 0.2606, 0.1209



0.3588, 0.2738, 0.1282

Previews

White Background



This preview shows how the Yxy color 52.4828, 0.3165, 0.3670 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 52.4828, 0.3165, 0.3670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

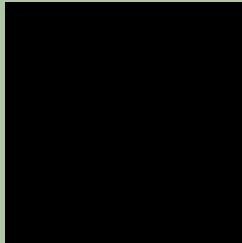
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

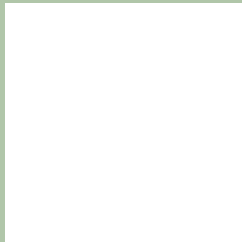
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.4828, 0.3165, 0.3670

Background



This preview shows how black text looks on a background with the Yxy color 52.4828, 0.3165, 0.3670.



This preview shows how white text looks on a background with the Yxy color 52.4828, 0.3165, 0.3670.

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

52.4828, 0.3165, 0.3670

Protanopia

52.3957, 0.3414, 0.3613

Deuteranopia

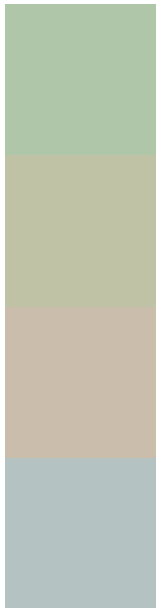
52.0113, 0.3512, 0.3434



Tritanopia

52.6391, 0.2933, 0.3104

Trichromacy



Original Color

52.4828, 0.3165, 0.3670

Protanomaly

52.5432, 0.3324, 0.3645

Deuteranomaly

51.8920, 0.3379, 0.3513

Tritanomaly

52.6286, 0.3017, 0.3302

Monochromacy



Original Color

52.4828, 0.3165, 0.3670

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.2258, 0.3145, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4828, 0.3165, 0.3670 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(176, 198, 169)` looks like.

```
.text, #text, p{  
    color:rgb(176, 198, 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(176, 198, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 198, 169) }
```

Border

The CSS property to change the border of an element to Yxy 52.4828, 0.3165, 0.3670 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(176, 198, 169) }
```

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

```
.border{ border-color:rgb(176, 198, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 198, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 198, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 198, 169); box-shadow:4px 4px 4px 4px rgb(176, 198, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4828, 0.3165, 0.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 198, 169) }
```

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

```
.background{ background-color: rgb(176,  
198, 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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