

Converting Colors

Yxy(52.9085, 0.3200, 0.3663)

Have a look what the booklet for
Yxy(52.9085, 0.3200, 0.3663)
contains.

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Color

Yxy(52.9560, 0.3197, 0.3666)

Conversions

Conversions Part 1

Format	Color
Hex	B4C6A9
RGB	180, 198, 169
RGB Percent	71%, 78%, 66%
CMY	0.2940, 0.2235, 0.3373
CMYK	0.09, 0.00, 0.15, 0.22
HSL	97°, 20%, 72%
HSV	97°, 15%, 78%
XYZ	46.1812, 52.9560, 45.3145
YIQ	189.3120, -1.4190, -12.8350

Conversions

Conversions Part 2

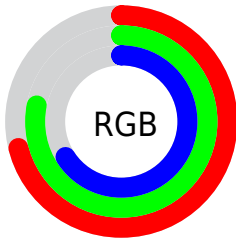
Format	Color
RYB	169, 198, 187
Decimal	11847337
CIELab	77.85, -11.44, 12.49
CIElCh	78, 16.938, 132.503
Yxy	52.9560, 0.3197, 0.3666
Android (android.graphics.Color)	4290037417 (0xFFB4C6A9)
YUV	189.3120, -10.0138, -8.1666
Hunter-Lab	72.7709, -14.0709, 14.0197

Details

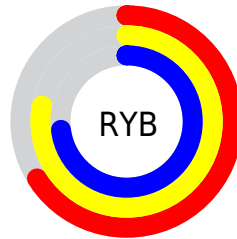
The Yxy color **52.9560, 0.3197, 0.3666** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.0057, 0.3047, 0.2921**, and the grayscale version is **51.1387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7347, 0.3187, 0.3603**, and **25.7429, 0.3211, 0.3768** is the 20% darker color. If you saturate the color by 10%, you get **50.8625, 0.3242, 0.3951**, and if you desaturate by 10%, it is **55.2969, 0.3150, 0.3404**.

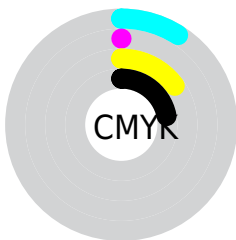
Distribution



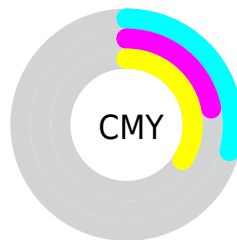
- Red (71%)
- Green (78%)
- Blue (66%)



- Red (66%)
- Yellow (78%)
- Blue (73%)



- Cyan (9%)
- Magenta (0%)
- Yellow (15%)
- Black (22%)




- Cyan (29%)
- Magenta (22%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9560, 0.3197, 0.3666 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 52.9560, 0.3197, 0.3666 by changing the saturation by 10% instead.


 52.9560, 0.3197,
0.3666

 52.9560, 0.3197,
0.3666


398.1163, 0.3165,
0.3478

 37.7676, 0.3204,
0.3713

 94.5396, 0.3186,
0.3598

 25.8024, 0.3213,
0.3773


121.7037, 0.3182,
0.3572

 16.6759, 0.3224,
0.3853


153.6284, 0.3178,
0.3551

 10.0037, 0.3238,
0.3964

190.6982, 0.3175,
0.3532

 5.4014, 0.3254,
0.4130

233.2976, 0.3172,
0.3516

 2.4846, 0.3273,
0.4400

281.8107, 0.3169,

 0.8689, 0.3672,

0.3502

0.5837

336.6222, 0.3167,
0.3489

0.0000, 0.0000,
0.0000

52.9560, 0.3197,
0.3666

52.9560, 0.3197,
0.3666

50.8625, 0.3242,
0.3951

55.2969, 0.3150,
0.3404

49.0012, 0.3282,
0.4255

57.8863, 0.3102,
0.3166

47.3655, 0.3313,
0.4568

60.7340, 0.3055,
0.2953

45.9456, 0.3333,
0.4879

63.8474, 0.3009,
0.2764

44.7314, 0.3337,
0.5171

66.3687, 0.3053,
0.2715

■ 43.7114, 0.3324,
0.5427

■ 68.6041, 0.3143,
0.2730

■ 42.8730, 0.3292,
0.5630

■ 68.8677, 0.3153,
0.2732

■ 42.2014, 0.3244,
0.5771

■ 41.8985, 0.3217,
0.5828

Harmonies

Analogous

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



52.9560, 0.3409, 0.3686



52.9560, 0.3197, 0.3666



52.9560, 0.2972, 0.3533

Triad

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



52.9560, 0.3197, 0.3666



52.9560, 0.2720, 0.2973



52.9560, 0.3471, 0.3238

Complementary

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



52.9560, 0.3197, 0.3666



43.0057, 0.3047, 0.2921

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.



52.9560, 0.3275, 0.3064



52.9560, 0.3197, 0.3666



52.9560, 0.2843, 0.2912

Square

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



52.9560, 0.3197, 0.3666



52.9560, 0.2702, 0.3123



52.9560, 0.3045, 0.2946



52.9560, 0.3572, 0.3431

Rectangle

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



52.9560, 0.3197, 0.3666



52.9560, 0.2844, 0.3401



52.9560, 0.3045, 0.2946



52.9560, 0.3413, 0.3176

Sweetspot

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



52.9583, 0.3197, 0.3666



98.1818, 0.3147, 0.3389



50.3577, 0.3364, 0.3515



20.9435, 0.3150, 0.3408



0.0000, 0.0000, 0.0000



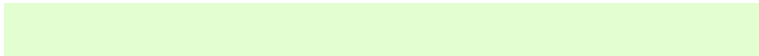
21.4041, 0.3127, 0.3290

Same Dimension

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



52.9583, 0.3197, 0.3666



92.3899, 0.3214, 0.3767



51.8135, 0.3085, 0.3630



12.0813, 0.3172, 0.3525



27.2936, 0.3226, 0.5821



1.3338, 0.3396, 0.5686

Inverse Universe

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



43.0057, 0.3047, 0.2921



70.9655, 0.3024, 0.2825



44.2979, 0.3172, 0.2972



10.6072, 0.3078, 0.3058



5.4226, 0.2283, 0.1031



0.2974, 0.2477, 0.1138

Previews

White Background



This preview shows how the Yxy color 52.9560, 0.3197, 0.3666 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 52.9560, 0.3197, 0.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

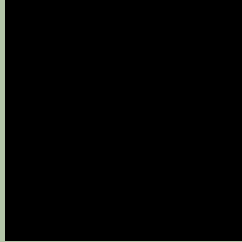
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9560, 0.3197, 0.3666

Background



This preview shows how black text looks on a background with the Yxy color 52.9560, 0.3197, 0.3666.



This preview shows how white text looks on a background with the Yxy color 52.9560, 0.3197, 0.3666.

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

52.9560, 0.3197, 0.3666

Protanopia

53.0090, 0.3413, 0.3612

Deuteranopia

52.5819, 0.3519, 0.3445



Tritanopia

53.1331, 0.2964, 0.3105

Trichromacy



Original Color

52.9560, 0.3197, 0.3666

Protanomaly

52.8429, 0.3333, 0.3630

Deuteranomaly

52.6046, 0.3394, 0.3524

Tritanomaly

53.1156, 0.3048, 0.3302

Monochromacy



Original Color

52.9560, 0.3197, 0.3666

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.5158, 0.3154, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9560, 0.3197, 0.3666 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(180, 198, 169)` looks like.

```
.text, #text, p{  
    color:rgb(180, 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(180, 198, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 198, 169) }
```

Border

The CSS property to change the border of an element to Yxy 52.9560, 0.3197, 0.3666 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(180, 198, 169) }
```

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

```
.border{ border-color:rgb(180, 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(180, 198, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 198, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 198, 169);  
box-shadow:4px 4px 4px 4px rgb(180, 198,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9560, 0.3197, 0.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 198, 169) }
```

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

```
.background{ background-color: rgb(180,  
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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