

Converting Colors

Yxy(52.0104, 0.3388, 0.3676)

Have a look what the booklet for
Yxy(52.0104, 0.3388, 0.3676)
contains.

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Color

Yxy(51.9100, 0.3384, 0.3669)

Conversions

Conversions Part 1

Format	Color
Hex	C3C0A2
RGB	195, 192, 162
RGB Percent	76%, 75%, 64%
CMY	0.2353, 0.2470, 0.3646
CMYK	0.00, 0.02, 0.17, 0.24
HSL	55°, 22%, 70%
HSV	55°, 17%, 76%
XYZ	47.8777, 51.9100, 41.6949
YIQ	189.4770, 11.4180, -8.6940

Conversions

Conversions Part 2

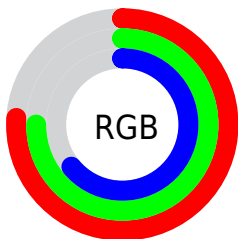
Format	Color
RYB	165, 195, 162
Decimal	12828834
CIELab	77.23, -4.01, 15.50
CIELCh	77, 16.011, 104.492
Yxy	51.9100, 0.3384, 0.3669
Android (android.graphics.Color)	4291018914 (0xFFC3C0A2)
YUV	189.4770, -13.5462, 4.8437
Hunter-Lab	72.0486, -7.4682, 16.1225

Details

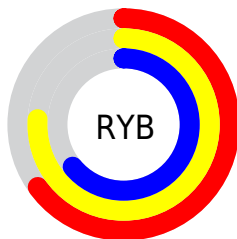
The Yxy color $51.9100, 0.3384, 0.3669$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $38.5439, 0.2856, 0.2880$, and the grayscale version is $51.2525, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.8400, 0.3341, 0.3597$, and $25.2537, 0.3453, 0.3786$ is the 20% darker color. If you saturate the color by 10%, you get $50.4999, 0.3543, 0.3899$, and if you desaturate by 10%, it is $53.4415, 0.3229, 0.3442$.

Distribution



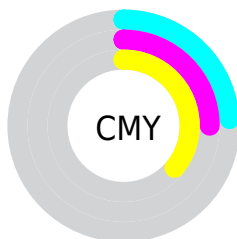
- Red (76%)
- Green (75%)
- Blue (64%)



- Red (65%)
- Yellow (76%)
- Blue (64%)



- Cyan (0%)
- Magenta (2%)
- Yellow (17%)
- Black (24%)





- Cyan (24%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9100, 0.3384, 0.3669 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 51.9100, 0.3384, 0.3669 by changing the saturation by 10% instead.


 51.9100, 0.3384,
0.3669


 51.9100, 0.3384,
0.3669


394.0891, 0.3259,
0.3481

 36.9333, 0.3414,
0.3715


 92.9985, 0.3339,
0.3601

 25.1559, 0.3452,
0.3774

 119.8791, 0.3322,
0.3576

 16.1932, 0.3502,
0.3851


151.4965, 0.3308,
0.3554

 9.6610, 0.3568,
0.3958

188.2351, 0.3295,
0.3535

 5.1748, 0.3662,
0.4113

230.4793, 0.3284,
0.3519

 2.3502, 0.3803,
0.4356

278.6134, 0.3275,

 0.8001, 0.4530,

0.3505

0.5470

333.0218, 0.3266,
0.3493

0.0000, 0.0000,
0.0000

51.9100, 0.3384,
0.3669

51.9100, 0.3384,
0.3669

50.4999, 0.3543,
0.3899

53.4415, 0.3229,
0.3442

49.1994, 0.3702,
0.4125

55.0923, 0.3083,
0.3223

48.0055, 0.3857,
0.4337

56.8690, 0.2945,
0.3016

46.9122, 0.3999,
0.4527

58.7757, 0.2819,
0.2823

45.9132, 0.4124,
0.4686

60.5210, 0.2729,
0.2690

■ 45.0011, 0.4226,
0.4804

■ 61.3490, 0.2731,
0.2710

■ 44.1675, 0.4301,
0.4879

■ 62.1866, 0.2733,
0.2730

■ 43.4010, 0.4349,
0.4912

■ 63.0337, 0.2734,
0.2751

■ 43.1704, 0.4362,
0.4918

■ 63.8904, 0.2736,
0.2771

Harmonies

Analogous

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



51.9100, 0.3522, 0.3590



51.9100, 0.3384, 0.3669



51.9100, 0.3179, 0.3642

Triad

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



51.9100, 0.3384, 0.3669



51.9100, 0.2720, 0.3120



51.9100, 0.3282, 0.3084

Complementary

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



51.9100, 0.3384, 0.3669



38.5439, 0.2856, 0.2880

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.



51.9100, 0.3063, 0.2967



51.9100, 0.3384, 0.3669



51.9100, 0.2744, 0.2982

Square

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



51.9100, 0.3384, 0.3669



51.9100, 0.2800, 0.3315



51.9100, 0.2868, 0.2929



51.9100, 0.3464, 0.3253

Rectangle

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



51.9100, 0.3384, 0.3669



51.9100, 0.3035, 0.3564



51.9100, 0.2868, 0.2929



51.9100, 0.3210, 0.3038

Sweetspot

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



51.9123, 0.3384, 0.3669



96.2462, 0.3202, 0.3401



40.1833, 0.3415, 0.3248



21.0318, 0.3213, 0.3417



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.



51.9123, 0.3384, 0.3669



92.0987, 0.3438, 0.3747



51.5585, 0.3267, 0.3720



11.5971, 0.3267, 0.3497



28.1254, 0.4360, 0.4920



1.2617, 0.4318, 0.4953

Inverse Universe

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



38.5439, 0.2856, 0.2880



64.0094, 0.2795, 0.2787



38.9326, 0.2969, 0.2853



9.8915, 0.2983, 0.3074



2.8903, 0.1519, 0.0669



0.1759, 0.1584, 0.0901

Previews

White Background



This preview shows how the Yxy color 51.9100, 0.3384, 0.3669 looks on a white background.

Color Contrast Check

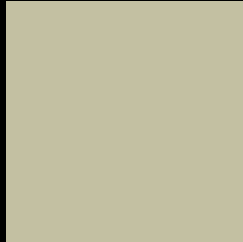
Large Text (above 18pt) WCAG AA × Fail

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 51.9100, 0.3384, 0.3669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

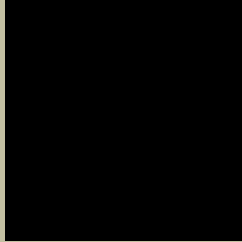
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

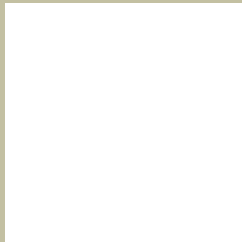
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.9100, 0.3384, 0.3669

Background



This preview shows how black text looks on a background with the Yxy color 51.9100, 0.3384, 0.3669.



This preview shows how white text looks on a background with the Yxy color 51.9100, 0.3384, 0.3669.

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

51.9100, 0.3384, 0.3669

Protanopia

51.8176, 0.3449, 0.3652

Deuteranopia

52.0214, 0.3598, 0.3528



Tritanopia

51.6142, 0.3127, 0.3109

Trichromacy



Original Color

51.9100, 0.3384, 0.3669

Protanomaly

51.9769, 0.3429, 0.3666

Deuteranomaly

51.8866, 0.3519, 0.3583

Tritanomaly

51.5601, 0.3218, 0.3303

Monochromacy



Original Color

51.9100, 0.3384, 0.3669

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.1580, 0.3220, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9100, 0.3384, 0.3669 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(195, 192, 162)` looks like.

```
.text, #text, p{  
    color:rgb(195, 192, 162)  
}
```

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(195, 192, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 192, 162) }
```

Border

The CSS property to change the border of an element to Yxy 51.9100, 0.3384, 0.3669 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(195, 192, 162) }
```

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

```
.border{ border-color:rgb(195, 192, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 192, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 192, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 192, 162);  
box-shadow:4px 4px 4px 4px rgb(195, 192,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9100, 0.3384, 0.3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 192, 162) }
```

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

```
.background{ background-color: rgb(195,  
192, 162) }
```

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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