

Converting Colors

$Yxy(51.5168, 0.3380, 0.3677)$

Have a look what the booklet for
Yxy(51.5168, 0.3380, 0.3677)
contains.

Yxy(51.7418, 0.3384, 0.3683)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.7418, 0.3384, 0.3683)

Conversions

Conversions Part 1

Format	Color
Hex	C2C0A1
RGB	194, 192, 161
RGB Percent	76%, 75%, 63%
CMY	0.2390, 0.2471, 0.3686
CMYK	0.00, 0.01, 0.17, 0.24
HSL	56°, 21%, 70%
HSV	56°, 17%, 76%
XYZ	47.5412, 51.7418, 41.2052
YIQ	189.0640, 11.1430, -9.2170

Conversions

Conversions Part 2

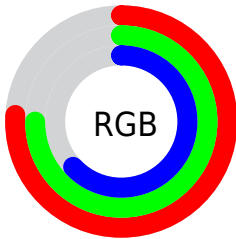
Format	Color
RYB	163, 194, 161
Decimal	12763297
CIELab	77.13, -4.51, 15.90
CIElCh	77, 16.525, 105.826
Yxy	51.7418, 0.3384, 0.3683
Android (android.graphics.Color)	4290953377 (0xFFC2C0A1)
YUV	189.0640, -13.8356, 4.3289
Hunter-Lab	71.9318, -7.9062, 16.3887

Details

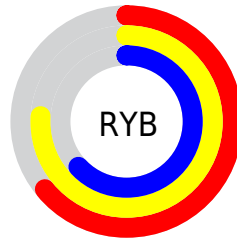
The Yxy color **51.7418, 0.3384, 0.3683** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.6970, 0.2853, 0.2864**, and the grayscale version is **51.0086, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6019, 0.3341, 0.3608**, and **25.1448, 0.3452, 0.3806** is the 20% darker color. If you saturate the color by 10%, you get **50.5820, 0.3540, 0.3919**, and if you desaturate by 10%, it is **53.0169, 0.3231, 0.3450**.

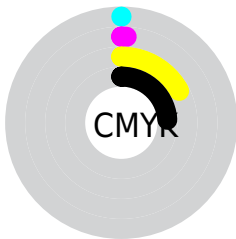
Distribution



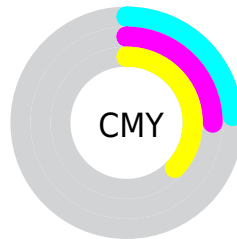
- Red (76%)
- Green (75%)
- Blue (63%)



- Red (64%)
- Yellow (76%)
- Blue (63%)



- Cyan (0%)
- Magenta (1%)
- Yellow (17%)
- Black (24%)




- Cyan (24%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7418, 0.3384, 0.3683 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 51.7418, 0.3384, 0.3683 by changing the saturation by 10% instead.


 51.7418, 0.3384,
0.3683

 51.7418, 0.3384,
0.3683


393.4390, 0.3259,
0.3488

 36.7993, 0.3414,
0.3731


 92.7503, 0.3339,
0.3613

 25.0521, 0.3452,
0.3792


 119.5852, 0.3322,
0.3586

 16.1159, 0.3501,
0.3873


151.1529, 0.3308,
0.3564

 9.6062, 0.3567,
0.3984

187.8380, 0.3295,
0.3544

 5.1387, 0.3661,
0.4146

230.0247, 0.3285,
0.3528

 2.3288, 0.3799,
0.4401

278.0975, 0.3275,

 0.7889, 0.4478,

0.3513

0.5522

332.4408, 0.3267,
0.3500

0.0000, 0.0000,
0.0000

51.7418, 0.3384,
0.3683

51.7418, 0.3384,
0.3683

50.5820, 0.3540,
0.3919

53.0169, 0.3231,
0.3450

49.5256, 0.3696,
0.4150

54.4048, 0.3084,
0.3224

48.5696, 0.3844,
0.4367

55.9123, 0.2947,
0.3010

47.7084, 0.3980,
0.4560

57.5434, 0.2819,
0.2811

46.9355, 0.4097,
0.4721

59.1047, 0.2720,
0.2657

■ 46.2438, 0.4189,
0.4841

■ 59.6609, 0.2722,
0.2671

■ 45.6249, 0.4256,
0.4919

■ 60.2214, 0.2723,
0.2685

■ 45.0672, 0.4297,
0.4955

■ 60.7864, 0.2724,
0.2699

■ 44.9068, 0.4307,
0.4962

■ 61.3559, 0.2725,
0.2712

Harmonies

Analogous

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



51.7418, 0.3531, 0.3605



51.7418, 0.3384, 0.3683



51.7418, 0.3171, 0.3650

Triad

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



51.7418, 0.3384, 0.3683



51.7418, 0.2706, 0.3106



51.7418, 0.3297, 0.3084

Complementary

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



51.7418, 0.3384, 0.3683



37.6970, 0.2853, 0.2864

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.



51.7418, 0.3071, 0.2961



51.7418, 0.3384, 0.3683



51.7418, 0.2736, 0.2967

Square

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



51.7418, 0.3384, 0.3683



51.7418, 0.2783, 0.3306



51.7418, 0.2867, 0.2917



51.7418, 0.3481, 0.3260

Rectangle

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



51.7418, 0.3384, 0.3683



51.7418, 0.3022, 0.3566



51.7418, 0.2867, 0.2917



51.7418, 0.3223, 0.3036

Sweetspot

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



51.7441, 0.3384, 0.3683



96.4694, 0.3202, 0.3405



39.6226, 0.3428, 0.3262



21.0875, 0.3212, 0.3421



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.



51.7441, 0.3384, 0.3683



92.9780, 0.3435, 0.3761



50.8514, 0.3259, 0.3724



11.6472, 0.3266, 0.3504



29.5527, 0.4305, 0.4964



1.3100, 0.4278, 0.4985

Inverse Universe

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



37.6970, 0.2853, 0.2864



63.3238, 0.2794, 0.2771



38.5439, 0.2977, 0.2851



9.8466, 0.2983, 0.3067



2.7786, 0.1513, 0.0646



0.1556, 0.1559, 0.0811

Previews

White Background



This preview shows how the Yxy color 51.7418, 0.3384, 0.3683 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 51.7418, 0.3384, 0.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

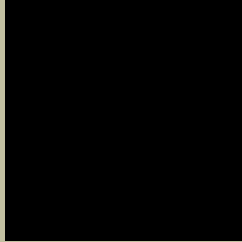
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

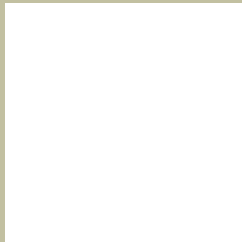
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.7418, 0.3384, 0.3683

Background



This preview shows how black text looks on a background with the Yxy color 51.7418, 0.3384, 0.3683.



This preview shows how white text looks on a background with the Yxy color 51.7418, 0.3384, 0.3683.

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

51.7418, 0.3384, 0.3683

Protanopia

51.7825, 0.3457, 0.3665

Deuteranopia

51.5714, 0.3610, 0.3529



Tritanopia

51.4770, 0.3119, 0.3108

Trichromacy



Original Color

51.7418, 0.3384, 0.3683

Protanomaly

51.8054, 0.3428, 0.3680

Deuteranomaly

51.4281, 0.3530, 0.3583

Tritanomaly

51.3819, 0.3218, 0.3315

Monochromacy



Original Color

51.7418, 0.3384, 0.3683

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 51.7418, 0.3384, 0.3683 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(194, 192, 161)` looks like.

```
.text, #text, p{  
    color:rgb(194, 192, 161)  
}
```

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(194, 192, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 192, 161) }
```

Border

The CSS property to change the border of an element to Yxy 51.7418, 0.3384, 0.3683 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(194, 192, 161) }
```

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

```
.border{ border-color:rgb(194, 192, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 192, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 192, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 192, 161); box-shadow:4px 4px 4px 4px rgb(194, 192, 161) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7418, 0.3384, 0.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 192, 161) }
```

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

```
.background{ background-color: rgb(194,  
192, 161) }
```

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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