

Converting Colors

Yxy(51.8773, 0.3452, 0.3667)

Have a look what the booklet for
Yxy(51.8773, 0.3452, 0.3667)
contains.

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Color

Yxy(51.7825, 0.3457, 0.3665)

Conversions

Conversions Part 1

Format	Color
Hex	C9BEA0
RGB	201, 190, 160
RGB Percent	79%, 75%, 63%
CMY	0.2118, 0.2549, 0.3727
CMYK	0.00, 0.05, 0.20, 0.21
HSL	44°, 28%, 71%
HSV	44°, 20%, 79%
XYZ	48.8437, 51.7825, 40.6630
YIQ	189.8690, 16.1860, -6.9980

Conversions

Conversions Part 2

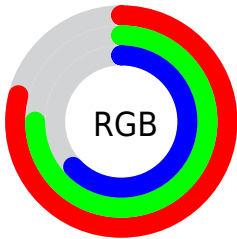
Format	Color
RYB	175, 201, 160
Decimal	13221536
CIELab	77.15, -1.02, 16.58
CIElCh	77, 16.609, 93.520
Yxy	51.7825, 0.3457, 0.3665
Android (android.graphics.Color)	4291411616 (0xFFC9BEA0)
YUV	189.8690, -14.7254, 9.7619
Hunter-Lab	71.9601, -4.7713, 16.8686

Details

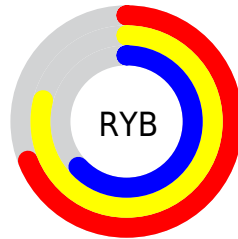
The Yxy color **51.7825, 0.3457, 0.3665** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.7984, 0.2799, 0.2885**, and the grayscale version is **51.4925, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0778, 0.3377, 0.3596**, and **25.1771, 0.3553, 0.3777** is the 20% darker color. If you saturate the color by 10%, you get **48.8475, 0.3637, 0.3856**, and if you desaturate by 10%, it is **54.9221, 0.3288, 0.3477**.

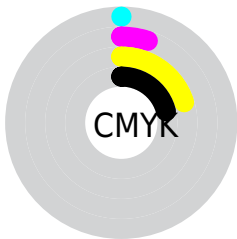
Distribution



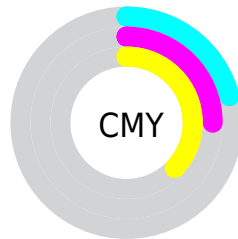
- Red (79%)
- Green (75%)
- Blue (63%)



- Red (69%)
- Yellow (79%)
- Blue (63%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (21%)





- Cyan (21%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7825, 0.3457, 0.3665 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 51.7825, 0.3457, 0.3665 by changing the saturation by 10% instead.


 51.7825, 0.3457,
0.3665

 51.7825, 0.3457,
0.3665


393.5964, 0.3296,
0.3481

 36.8317, 0.3496,
0.3710


 92.8104, 0.3399,
0.3599

 25.0772, 0.3546,
0.3767


 119.6563, 0.3377,
0.3574

 16.1346, 0.3610,
0.3841


151.2361, 0.3358,
0.3552

 9.6195, 0.3698,
0.3943

187.9341, 0.3342,
0.3534

 5.1474, 0.3822,
0.4088

230.1347, 0.3328,
0.3518

 2.3340, 0.4011,
0.4311

278.2224, 0.3316,

 0.7916, 0.4789,

0.3504

0.5211

332.5815, 0.3305,
0.3492

0.0000, 0.0000,
0.0000

51.7825, 0.3457,
0.3665

51.7825, 0.3457,
0.3665

48.8475, 0.3637,
0.3856

54.9221, 0.3288,
0.3477

46.1037, 0.3826,
0.4043

58.2652, 0.3133,
0.3297

43.5467, 0.4019,
0.4219

61.8200, 0.2992,
0.3127

41.1689, 0.4207,
0.4373

65.5917, 0.2865,
0.2969

38.9622, 0.4384,
0.4495

69.2283, 0.2782,
0.2877

■ 36.9175, 0.4540,
0.4575

■ 72.0487, 0.2786,
0.2937

■ 35.0239, 0.4668,
0.4607

■ 74.9605, 0.2790,
0.2997

■ 33.3322, 0.4765,
0.4598

■ 77.9646, 0.2794,
0.3055

■ 81.0617, 0.2798,
0.3114

Harmonies

Analogous

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



51.7825, 0.3563, 0.3549



51.7825, 0.3457, 0.3665



51.7825, 0.3263, 0.3680

Triad

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



51.7825, 0.3457, 0.3665



51.7825, 0.2723, 0.3183



51.7825, 0.3206, 0.3024

Complementary

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



51.7825, 0.3457, 0.3665



40.7984, 0.2799, 0.2885

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.



51.7825, 0.2980, 0.2930



51.7825, 0.3457, 0.3665



51.7825, 0.2708, 0.3013

Square

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



51.7825, 0.3457, 0.3665



51.7825, 0.2842, 0.3393



51.7825, 0.2801, 0.2924



51.7825, 0.3416, 0.3183

Rectangle

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



51.7825, 0.3457, 0.3665



51.7825, 0.3113, 0.3625



51.7825, 0.2801, 0.2924



51.7825, 0.3129, 0.2984

Sweetspot

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



51.7848, 0.3457, 0.3665



96.4660, 0.3220, 0.3398



40.5111, 0.3418, 0.3143



20.5671, 0.3230, 0.3410



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.



51.7848, 0.3457, 0.3665



86.6476, 0.3526, 0.3740



55.5313, 0.3358, 0.3806



11.9177, 0.3272, 0.3458



21.1154, 0.4755, 0.4606



1.1145, 0.4613, 0.4719

Inverse Universe

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



40.7984, 0.2799, 0.2885



64.8528, 0.2730, 0.2796



37.7670, 0.2865, 0.2743



10.7421, 0.2983, 0.3116



4.4322, 0.1595, 0.0940



0.3332, 0.1713, 0.1366

Previews

White Background



This preview shows how the Yxy color 51.7825, 0.3457, 0.3665 looks on a white background.

Color Contrast Check

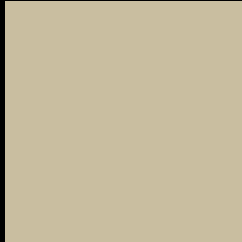
Large Text (above 18pt) WCAG AA × Fail

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 51.7825, 0.3457, 0.3665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

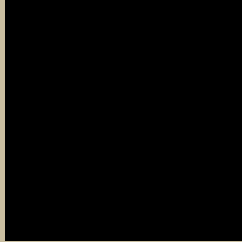
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7825, 0.3457, 0.3665

Background



This preview shows how black text looks on a background with the Yxy color 51.7825, 0.3457, 0.3665.



This preview shows how white text looks on a background with the Yxy color 51.7825, 0.3457, 0.3665.

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

51.7825, 0.3457, 0.3665

Protanopia

51.7825, 0.3457, 0.3665

Deuteranopia

51.5003, 0.3627, 0.3553



Tritanopia

51.9433, 0.3193, 0.3123

Trichromacy



Original Color

51.7825, 0.3457, 0.3665

Protanomaly

51.7825, 0.3457, 0.3665

Deuteranomaly

51.6881, 0.3556, 0.3594

Tritanomaly

51.8808, 0.3286, 0.3315

Monochromacy



Original Color

51.7825, 0.3457, 0.3665

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.5509, 0.3245, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7825, 0.3457, 0.3665 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(201, 190, 160)` looks like.

```
.text, #text, p{  
    color:rgb(201, 190, 160)  
}
```

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(201, 190, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 190, 160) }
```

Border

The CSS property to change the border of an element to Yxy 51.7825, 0.3457, 0.3665 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(201, 190, 160) }
```

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

```
.border{ border-color:rgb(201, 190, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 190, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 190, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 190, 160); box-shadow:4px 4px 4px 4px rgb(201, 190, 160) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7825, 0.3457, 0.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 190, 160) }
```

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

```
.background{ background-color: rgb(201,  
190, 160) }
```

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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