

Converting Colors

$Y_{xy}(21.5619, 0.4257, 0.3340)$

Have a look what the booklet for
Yxy(21.5619, 0.4257, 0.3340)
contains.

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Color

Yxy(21.4777, 0.4251, 0.3336)

Conversions

Conversions Part 1

Format	Color
Hex	B86A67
RGB	184, 106, 103
RGB Percent	72%, 42%, 40%
CMY	0.2784, 0.5843, 0.5961
CMYK	0.00, 0.42, 0.44, 0.28
HSL	2°, 36%, 56%
HSV	2°, 44%, 72%
XYZ	27.3686, 21.4777, 15.5353
YIQ	128.9800, 47.4510, 15.6030

Conversions

Conversions Part 2

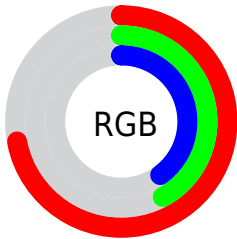
Format	Color
RYB	184, 106, 103
Decimal	12085863
CIELab	53.47, 30.74, 15.27
CIELCh	53, 34.322, 26.408
Yxy	21.4777, 0.4251, 0.3336
Android (android.graphics.Color)	4290275943 (0xFFB86A67)
YUV	128.9800, -12.8081, 48.2525
Hunter-Lab	46.3440, 24.3117, 12.5659




Details

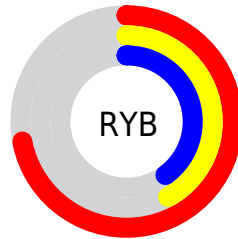
The Yxy color **21.4777, 0.4251, 0.3336** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.3874, 0.2533, 0.3242**, and the grayscale version is **21.9797, 0.3127, 0.3290**.




A 20% lighter version of the original color is **45.6641, 0.3996, 0.3337**, and **7.8010, 0.4706, 0.3313** is the 20% darker color. If you saturate the color by 10%, you get **17.8667, 0.4662, 0.3345**, and if you desaturate by 10%, it is **25.9265, 0.3901, 0.3326**.

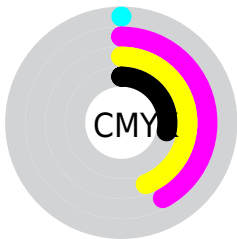
Distribution







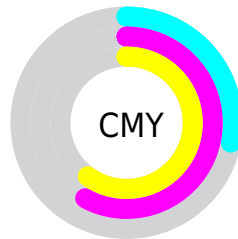
-  Red (72%)
-  Green (42%)
-  Blue (40%)






-  Red (72%)
-  Yellow (42%)
-  Blue (40%)



-  Cyan (0%)
-  Magenta (42%)
-  Yellow (44%)
-  Black (28%)




-  Cyan (28%)
-  Magenta (58%)
-  Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.4777, 0.4251, 0.3336 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 21.4777, 0.4251, 0.3336 by changing the saturation by 10% instead.


 21.4777, 0.4251,
0.3336

 21.4777, 0.4251,
0.3336


259.8064, 0.3611,
0.3332

 13.4736, 0.4441,
0.3326


 45.8812, 0.3997,
0.3341


 7.7555, 0.4704,
0.3304


 63.0495, 0.3909,
0.3341

 3.9389, 0.5092,
0.3255

 84.0412, 0.3836,
0.3340

 1.6394, 0.5762,
0.3164

 109.2409, 0.3776,
0.3339

 0.3840, 0.7490,
0.2510

139.0328, 0.3725,
0.3337

 0.0000, 1.0000,
0.0000

173.8015, 0.3682,

 0.0000, 0.0000,

0.3335

0.0000

213.9312, 0.3644,
0.3334

■ 21.4777, 0.4251,
0.3336

■ 21.4777, 0.4251,
0.3336

■ 17.8667, 0.4662,
0.3345

■ 25.9265, 0.3901,
0.3326

■ 15.0381, 0.5119,
0.3349

■ 31.2574, 0.3613,
0.3315

■ 12.9348, 0.5581,
0.3348


■ 37.5158, 0.3380,
0.3304


■ 11.4909, 0.5986,
0.3339


■ 44.7428, 0.3192,
0.3294

■ 10.6282, 0.6266,
0.3324


■ 52.9770, 0.3041,
0.3285

 10.3380, 0.6374,
0.3321

 62.2550, 0.2918,
0.3276

 72.6115, 0.2818,
0.3269

 84.0797, 0.2737,
0.3262

 88.9298, 0.2721,
0.3289

Harmonies

Analogous

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



21.4777, 0.3797, 0.2887



21.4777, 0.4251, 0.3336



21.4777, 0.4357, 0.3812

Triad

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



21.4777, 0.4251, 0.3336



21.4777, 0.2990, 0.4252



21.4777, 0.2191, 0.2355

Complementary

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



21.4777, 0.4251, 0.3336



39.3874, 0.2533, 0.3242

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.



21.4777, 0.2028, 0.2597



21.4777, 0.4251, 0.3336



21.4777, 0.2453, 0.3716

Square

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



21.4777, 0.4251, 0.3336



21.4777, 0.3595, 0.4426



21.4777, 0.2115, 0.3080



21.4777, 0.2588, 0.2345

Rectangle

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



21.4777, 0.4251, 0.3336



21.4777, 0.4222, 0.4101



21.4777, 0.2115, 0.3080



21.4777, 0.2109, 0.2409

Sweetspot

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



21.4788, 0.4251, 0.3336



68.9965, 0.3363, 0.3303



23.2389, 0.3207, 0.2260



14.2980, 0.3410, 0.3305



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



21.4788, 0.4251, 0.3336



32.4674, 0.4656, 0.3345



31.7880, 0.3987, 0.3897



9.0642, 0.3287, 0.3299



7.1484, 0.6368, 0.3326



0.2702, 0.6238, 0.3429

Inverse Universe

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



39.3874, 0.2533, 0.3242



69.1693, 0.2436, 0.3230



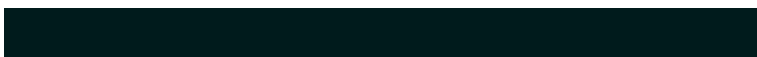
25.3346, 0.2421, 0.2584



10.1519, 0.2985, 0.3281



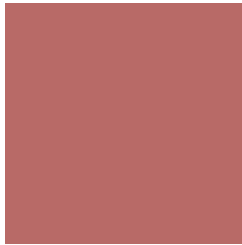
24.1264, 0.2215, 0.3175



0.8684, 0.2224, 0.3206

Previews

White Background



This preview shows how the Yxy color 21.4777, 0.4251, 0.3336 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4777, 0.4251, 0.3336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

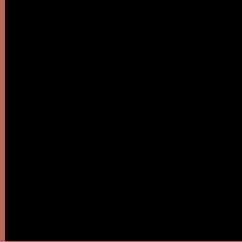
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.4777, 0.4251, 0.3336

Background



This preview shows how black text looks on a background with the Yxy color 21.4777, 0.4251, 0.3336.



This preview shows how white text looks on a background with the Yxy color 21.4777, 0.4251, 0.3336.

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

21.4777, 0.4251, 0.3336

Protanopia

21.7216, 0.3357, 0.3541

Deuteranopia

21.5700, 0.3748, 0.3681



Tritanopia

21.5873, 0.4140, 0.3194

Trichromacy



Original Color

21.4777, 0.4251, 0.3336

Protanomaly

21.2341, 0.3662, 0.3459

Deuteranomaly

21.3435, 0.3926, 0.3549

Tritanomaly

21.5216, 0.4184, 0.3236

Monochromacy



Original Color

21.4777, 0.4251, 0.3336

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.4204, 0.3494, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.4777, 0.4251, 0.3336 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(184, 106, 103)` looks like.

```
.text, #text, p{  
    color:rgb(184, 106, 103)  
}
```

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(184, 106, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 106, 103) }
```

Border

The CSS property to change the border of an element to Yxy 21.4777, 0.4251, 0.3336 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(184, 106, 103) }
```

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

```
.border{ border-color:rgb(184, 106, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 106, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 106, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 106, 103);  
box-shadow:4px 4px 4px 4px rgb(184, 106,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 21.4777, 0.4251, 0.3336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 106, 103) }
```

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

```
.background{ background-color: rgb(184,  
106, 103) }
```

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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