

Converting Colors

$Y_{xy}(49.9793, 0.33335, 0.3417)$

Have a look what the booklet for
Yxy(49.9793, 0.3335, 0.3417)
contains.

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Color

Yxy(50.0724, 0.3336, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	C8B9AF
RGB	200, 185, 175
RGB Percent	78%, 73%, 69%
CMY	0.2155, 0.2745, 0.3138
CMYK	0.00, 0.08, 0.13, 0.22
HSL	24°, 19%, 74%
HSV	24°, 13%, 78%
XYZ	48.9141, 50.0724, 47.6384
YIQ	188.3450, 12.1500, 0.0700

Conversions

Conversions Part 2

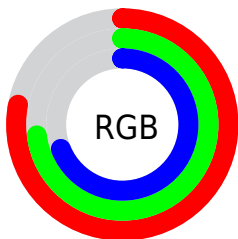
Format	Color
R_{YB}	200, 192, 175
Decimal	13154735
CIE Lab	76.11, 3.64, 6.98
CIE LCh	76, 7.877, 62.462
Yxy	50.0724, 0.3336, 0.3415
Android (android.graphics.Color)	4291344815 (0xFFC8B9AF)
YUV	188.3450, -6.5791, 10.2214
Hunter-Lab	70.7619, -0.4453, 9.6180

Details

The Yxy color $50.0724, 0.3336, 0.3415$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $50.1307, 0.2935, 0.3162$, and the grayscale version is $50.5323, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.9401, 0.3282, 0.3388$, and $24.0436, 0.3390, 0.3442$ is the 20% darker color. If you saturate the color by 10%, you get $44.5281, 0.3534, 0.3521$, and if you desaturate by 10%, it is $56.1627, 0.3166, 0.3314$.

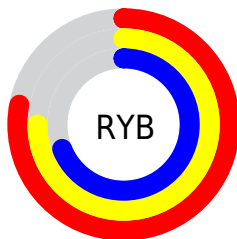
Distribution



Red (78%)

Green (73%)

Blue (69%)



Red (78%)

Yellow (75%)

Blue (69%)

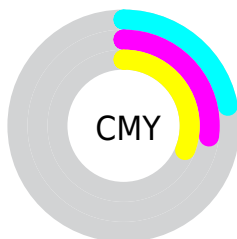


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (22%)



Cyan (22%)


Magenta (27%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.0724, 0.3336, 0.3415 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 50.0724, 0.3336, 0.3415 by changing the saturation by 10% instead.


 50.0724, 0.3336,
0.3415

 50.0724, 0.3336,
0.3415


386.9490, 0.3232,
0.3354

 35.4709, 0.3362,
0.3430


 90.2821, 0.3299,
0.3393

 24.0259, 0.3394,
0.3449


116.6592, 0.3284,
0.3385

 15.3528, 0.3438,
0.3473


147.7302, 0.3272,
0.3378

 9.0674, 0.3498,
0.3507

183.8797, 0.3262,
0.3372

 4.7852, 0.3587,
0.3555

225.4918, 0.3253,
0.3366

 2.1218, 0.3731,
0.3631

272.9512, 0.3245,

 0.6768, 0.4417,

0.3362

0.4083

326.6421, 0.3239,
0.3358

0.0000, 0.0000,
0.0000

50.0724, 0.3336,
0.3415

50.0724, 0.3336,
0.3415

44.5281, 0.3534,
0.3521

56.1627, 0.3166,
0.3314

39.5077, 0.3762,
0.3630

62.8072, 0.3020,
0.3221

34.9969, 0.4022,
0.3737

70.0224, 0.2896,
0.3134

30.9785, 0.4312,
0.3835

77.8216, 0.2789,
0.3055

27.4340, 0.4625,
0.3914

84.8628, 0.2798,
0.3185

■ 24.3439, 0.4948,
0.3961

■ 91.0255, 0.2805,
0.3289

■ 21.6865, 0.5259,
0.3963

■ 19.4379, 0.5532,
0.3914

■ 18.0016, 0.5708,
0.3850

Harmonies

Analogous

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



50.0724, 0.3327, 0.3330



50.0724, 0.3336, 0.3415



50.0724, 0.3289, 0.3469

Triad

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



50.0724, 0.3336, 0.3415



50.0724, 0.2993, 0.3344



50.0724, 0.3054, 0.3113

Complementary

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



50.0724, 0.3336, 0.3415



50.1307, 0.2935, 0.3162

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.



50.0724, 0.2967, 0.3114



50.0724, 0.3336, 0.3415



50.0724, 0.2932, 0.3245

Square

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



50.0724, 0.3336, 0.3415



50.0724, 0.3090, 0.3428



50.0724, 0.2923, 0.3161



50.0724, 0.3162, 0.3158

Rectangle

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



50.0724, 0.3336, 0.3415



50.0724, 0.3232, 0.3478



50.0724, 0.2923, 0.3161



50.0724, 0.3021, 0.3108

Sweetspot

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



50.0746, 0.3336, 0.3415



95.5124, 0.3190, 0.3329



46.6786, 0.3221, 0.3099



20.2667, 0.3203, 0.3337



0.0000, 0.0000, 0.0000



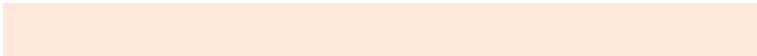
21.4041, 0.3127, 0.3290

Same Dimension

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



50.0746, 0.3336, 0.3415



83.9805, 0.3386, 0.3443



55.3681, 0.3317, 0.3562



11.3202, 0.3280, 0.3383



11.6051, 0.5683, 0.3870



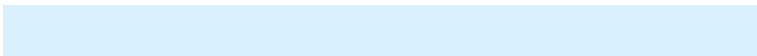
0.6906, 0.5302, 0.4172

Inverse Universe

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



50.1307, 0.2935, 0.3162



84.0955, 0.2893, 0.3132



45.0912, 0.2931, 0.3003



11.3296, 0.2984, 0.3196



11.3969, 0.1872, 0.1939



0.6785, 0.1959, 0.2251

Previews

White Background



This preview shows how the Yxy color 50.0724, 0.3336, 0.3415 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 50.0724, 0.3336, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

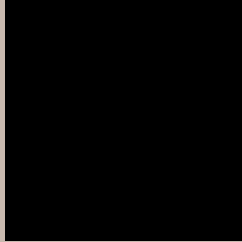
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.0724, 0.3336, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 50.0724, 0.3336, 0.3415.



This preview shows how white text looks on a background with the Yxy color 50.0724, 0.3336, 0.3415.

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

50.0724, 0.3336, 0.3415

Protanopia

50.1446, 0.3273, 0.3429

Deuteranopia

49.8840, 0.3422, 0.3351



Tritanopia

50.1379, 0.3194, 0.3121

Trichromacy



Original Color

50.0724, 0.3336, 0.3415

Protanomaly

49.9882, 0.3291, 0.3416

Deuteranomaly

49.7123, 0.3385, 0.3364

Tritanomaly

50.0544, 0.3249, 0.3229

Monochromacy



Original Color

50.0724, 0.3336, 0.3415

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.1660, 0.3200, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0724, 0.3336, 0.3415 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(200, 185, 175)` looks like.

```
.text, #text, p{  
    color:rgb(200, 185, 175)  
}
```

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(200, 185, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 185, 175) }
```

Border

The CSS property to change the border of an element to Yxy 50.0724, 0.3336, 0.3415 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(200, 185, 175) }
```

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

```
.border{ border-color:rgb(200, 185, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 185, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 185, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 185, 175);  
box-shadow:4px 4px 4px 4px rgb(200, 185,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0724, 0.3336, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 185, 175) }
```

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

```
.background{ background-color: rgb(200,  
185, 175) }
```

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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