

Converting Colors

$Yxy(49.5197, 0.3182, 0.3314)$

Have a look what the booklet for
Yxy(49.5197, 0.3182, 0.3314)
contains.

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Color

Yxy(49.6549, 0.3185, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	BFBAB8
RGB	191, 186, 184
RGB Percent	75%, 73%, 72%
CMY	0.2508, 0.2706, 0.2784
CMYK	0.00, 0.03, 0.04, 0.25
HSL	17°, 5%, 74%
HSV	17°, 4%, 75%
XYZ	47.7076, 49.6549, 52.4260
YIQ	187.2670, 3.6220, 0.4380

Conversions

Conversions Part 2

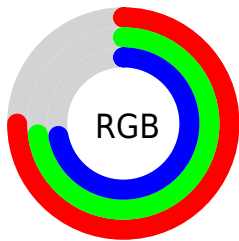
Format	Color
RYB	191, 187, 184
Decimal	12565176
CIELab	75.86, 1.43, 1.62
CIELCh	76, 2.157, 48.581
Yxy	49.6549, 0.3185, 0.3315
Android (android.graphics.Color)	4290755256 (0xFFBFBAB8)
YUV	187.2670, -1.6106, 3.2738
Hunter-Lab	70.4662, -2.4663, 5.2154

Details

The Yxy color **49.6549, 0.3185, 0.3315** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.3877, 0.3071, 0.3265**, and the grayscale version is **49.8657, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5697, 0.3172, 0.3310**, and **23.8170, 0.3206, 0.3324** is the 20% darker color. If you saturate the color by 10%, you get **43.3894, 0.3362, 0.3386**, and if you desaturate by 10%, it is **56.5910, 0.3036, 0.3249**.

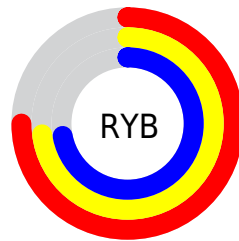
Distribution



Red (75%)

Green (73%)

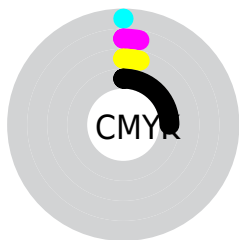
Blue (72%)



Red (75%)

Yellow (73%)

Blue (72%)

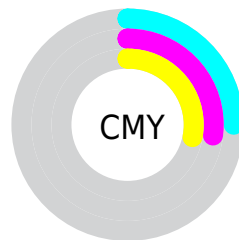


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (25%)



Cyan (25%)


Magenta (27%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.6549, 0.3185, 0.3315 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 49.6549, 0.3185, 0.3315 by changing the saturation by 10% instead.

 49.6549, 0.3185,
0.3315

 49.6549, 0.3185,
0.3315


385.3149, 0.3156,
0.3303

 35.1393, 0.3192,
0.3318


 89.6634, 0.3175,
0.3311

 23.7702, 0.3201,
0.3322


115.9250, 0.3171,
0.3309

 15.1632, 0.3213,
0.3327


146.8707, 0.3167,
0.3308

 8.9340, 0.3230,
0.3334

182.8849, 0.3165,
0.3306

 4.6982, 0.3254,
0.3344

224.3521, 0.3162,
0.3305

 2.0713, 0.3295,
0.3360

271.6565, 0.3160,

 0.6484, 0.3441,

0.3304

325.1826, 0.3158,
0.3304

0.3426

0.0000, 0.0000,
0.0000

49.6549, 0.3185,
0.3315

49.6549, 0.3185,
0.3315

43.3894, 0.3362,
0.3386

56.5910, 0.3036,
0.3249

37.7680, 0.3573,
0.3462

64.2104, 0.2911,
0.3188

32.7719, 0.3822,
0.3539

72.5336, 0.2806,
0.3132

28.3790, 0.4113,
0.3614

81.2228, 0.2744,
0.3139

24.5657, 0.4444,
0.3680

89.6780, 0.2757,
0.3287

■ 21.3070, 0.4809,
0.3729

■ 89.8233, 0.2757,
0.3289

■ 18.5758, 0.5187,
0.3748

■ 16.3425, 0.5548,
0.3727

■ 14.5742, 0.5853,
0.3661

Harmonies

Analogous

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



49.6549, 0.3175, 0.3289



49.6549, 0.3185, 0.3315



49.6549, 0.3179, 0.3334

Triad

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



49.6549, 0.3185, 0.3315



49.6549, 0.3102, 0.3316



49.6549, 0.3095, 0.3239

Complementary

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



49.6549, 0.3185, 0.3315



50.3877, 0.3071, 0.3265

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.



49.6549, 0.3076, 0.3246



49.6549, 0.3185, 0.3315



49.6549, 0.3079, 0.3291

Square

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



49.6549, 0.3185, 0.3315



49.6549, 0.3131, 0.3335



49.6549, 0.3070, 0.3265



49.6549, 0.3123, 0.3246

Rectangle

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



49.6549, 0.3185, 0.3315



49.6549, 0.3167, 0.3340



49.6549, 0.3070, 0.3265



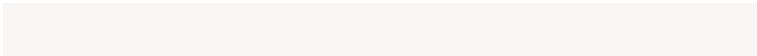
49.6549, 0.3087, 0.3240

Sweetspot

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



49.6571, 0.3185, 0.3315



92.0725, 0.3143, 0.3297



49.0533, 0.3146, 0.3225



20.2318, 0.3142, 0.3297



97.7402, 0.3127, 0.3290



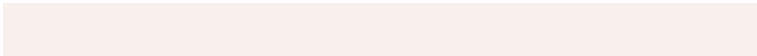
20.4902, 0.3127, 0.3290

Same Dimension

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



49.6571, 0.3185, 0.3315



88.4321, 0.3191, 0.3318



51.1174, 0.3182, 0.3358



10.6043, 0.3201, 0.3322



9.0999, 0.5990, 0.3626



0.4711, 0.5503, 0.4013

Inverse Universe

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



50.3877, 0.3071, 0.3265



89.8713, 0.3065, 0.3262



48.9307, 0.3072, 0.3221



10.8036, 0.3056, 0.3258



14.4710, 0.1990, 0.2365



0.6719, 0.2059, 0.2612

Previews

White Background



This preview shows how the Yxy color 49.6549, 0.3185, 0.3315 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 49.6549, 0.3185, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

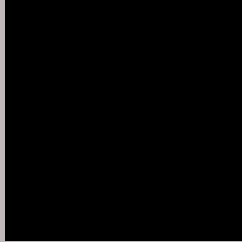
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

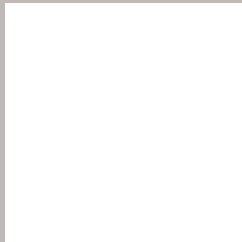
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.6549, 0.3185, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 49.6549, 0.3185, 0.3315.



This preview shows how white text looks on a background with the Yxy color 49.6549, 0.3185, 0.3315.

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

49.6549, 0.3185, 0.3315

Protanopia

49.6549, 0.3185, 0.3315

Deuteranopia

49.6723, 0.3311, 0.3242



Tritanopia

49.6957, 0.3094, 0.3117

Trichromacy



Original Color

49.6549, 0.3185, 0.3315

Protanomaly

49.6549, 0.3185, 0.3315

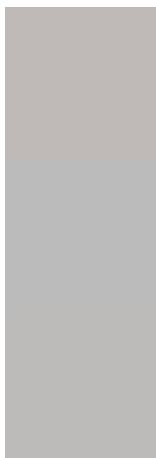
Deuteranomaly

49.7873, 0.3265, 0.3266

Tritanomaly

49.7546, 0.3124, 0.3190

Monochromacy



Original Color

49.6549, 0.3185, 0.3315

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.7772, 0.3143, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.6549, 0.3185, 0.3315 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(191, 186, 184)` looks like.

```
.text, #text, p{  
    color:rgb(191, 186, 184)  
}
```

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(191, 186, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 186, 184) }
```

Border

The CSS property to change the border of an element to Yxy 49.6549, 0.3185, 0.3315 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(191, 186, 184) }
```

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

```
.border{ border-color:rgb(191, 186, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 186, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 186, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 186, 184);  
box-shadow:4px 4px 4px 4px rgb(191, 186,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 49.6549, 0.3185, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 186, 184) }
```

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

```
.background{ background-color: rgb(191,  
186, 184) }
```

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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