

Converting Colors

$Y_{xy}(49.3640, 0.3270, 0.3414)$

Have a look what the booklet for
Yxy(49.3640, 0.3270, 0.3414)
contains.

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Color

Yxy(49.1700, 0.3267, 0.3405)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C1B9B0 |
| RGB | 193, 185, 176 |
| RGB Percent | 76%, 73%, 69% |
| CMY | 0.2431, 0.2745, 0.3100 |
| CMYK | 0.00, 0.04, 0.09, 0.24 |
| HSL | 32°, 12%, 72% |
| HSV | 32°, 9%, 76% |
| XYZ | 47.1772, 49.1700, 48.0581 |
| YIQ | 186.3660, 7.6570, -1.1030 |

Conversions

Conversions Part 2

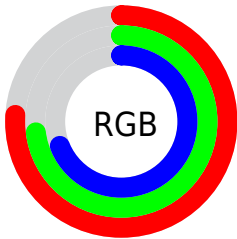
| Format | Color |
|-------------------------------------|--|
| RYB | 191, 193, 176 |
| Decimal | 12695984 |
| CIELab | 75.56, 1.24, 5.58 |
| CIELCh | 76, 5.717, 77.454 |
| Yxy | 49.1700, 0.3267, 0.3405 |
| Android (android.graphics.Color) | 4290886064 (0xFFC1B9B0) |
| YUV | 186.3660, -5.1104, 5.8180 |
| Hunter-Lab | 70.1213, -2.6186, 8.4502 |

Details

The Yxy color $49.1700, 0.3267, 0.3405$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $47.3459, 0.2992, 0.3172$, and the grayscale version is $49.3456, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.8765, 0.3236, 0.3380$, and $23.4467, 0.3295, 0.3428$ is the 20% darker color. If you saturate the color by 10%, you get $44.7883, 0.3445, 0.3542$, and if you desaturate by 10%, it is $53.9065, 0.3110, 0.3275$.

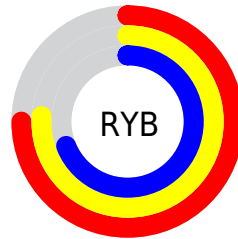
Distribution



Red (76%)

Green (73%)

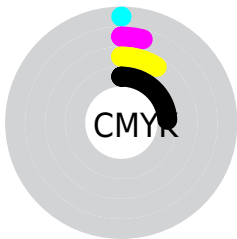
Blue (69%)



Red (75%)

Yellow (76%)

Blue (69%)

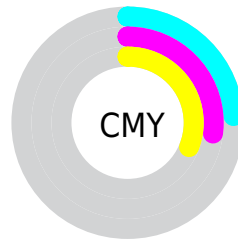


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (24%)



Cyan (24%)

Magenta (27%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.1700, 0.3267, 0.3405 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 49.1700, 0.3267, 0.3405 by changing the saturation by 10% instead.

■ 49.1700, 0.3267,
0.3405

■ 49.1700, 0.3267,
0.3405

383.4112, 0.3198,
0.3348

■ 34.7544, 0.3284,
0.3419

■ 88.9439, 0.3242,
0.3385

■ 23.4737, 0.3306,
0.3437

115.0709, 0.3232,
0.3377

■ 14.9437, 0.3335,
0.3460

145.8705, 0.3224,
0.3370

■ 8.7799, 0.3376,
0.3493

181.7271, 0.3218,
0.3365

■ 4.5979, 0.3436,
0.3541

223.0251, 0.3212,
0.3360

■ 2.0133, 0.3534,
0.3618

270.1488, 0.3206,

■ 0.6152, 0.4073,

0.3355

0.4074

323.4827, 0.3202,
0.3352

0.0000, 0.0000,
0.0000

49.1700, 0.3267,
0.3405

49.1700, 0.3267,
0.3405

44.7883, 0.3445,
0.3542

53.9065, 0.3110,
0.3275

40.7461, 0.3646,
0.3683

59.0001, 0.2972,
0.3154

37.0358, 0.3869,
0.3825

64.4612, 0.2852,
0.3042

33.6476, 0.4112,
0.3959

70.2978, 0.2746,
0.2939

30.5708, 0.4368,
0.4077

75.3408, 0.2745,
0.3022

■ 27.7939, 0.4629,
0.4167

■ 80.5290, 0.2753,
0.3122

■ 25.3044, 0.4881,
0.4216

■ 85.9836, 0.2762,
0.3220

■ 23.0883, 0.5107,
0.4214

■ 90.0794, 0.2768,
0.3289

■ 21.1256, 0.5300,
0.4163

Harmonies

Analogous

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



49.1700, 0.3281, 0.3353



49.1700, 0.3267, 0.3405



49.1700, 0.3215, 0.3427

Triad

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



49.1700, 0.3267, 0.3405



49.1700, 0.3002, 0.3293



49.1700, 0.3113, 0.3173

Complementary

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



49.1700, 0.3267, 0.3405



47.3459, 0.2992, 0.3172

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.



49.1700, 0.3039, 0.3156



49.1700, 0.3267, 0.3405



49.1700, 0.2976, 0.3225

Square

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



49.1700, 0.3267, 0.3405



49.1700, 0.3062, 0.3362



49.1700, 0.2989, 0.3175



49.1700, 0.3192, 0.3219

Rectangle

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



49.1700, 0.3267, 0.3405



49.1700, 0.3166, 0.3421



49.1700, 0.2989, 0.3175



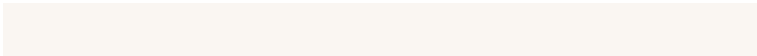
49.1700, 0.3087, 0.3163

Sweetspot

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



49.1722, 0.3267, 0.3405



92.8825, 0.3174, 0.3329



45.8443, 0.3210, 0.3186



19.7785, 0.3186, 0.3339



97.7402, 0.3127, 0.3290



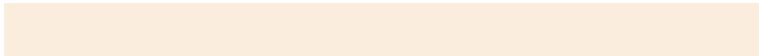
20.4902, 0.3127, 0.3290

Same Dimension

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



49.1722, 0.3267, 0.3405



86.1626, 0.3307, 0.3436



52.5814, 0.3254, 0.3504



10.9422, 0.3276, 0.3412



14.0673, 0.5304, 0.4171



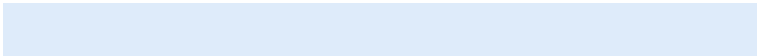
0.7449, 0.4992, 0.4418

Inverse Universe

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



47.3459, 0.2992, 0.3172



82.0925, 0.2956, 0.3139



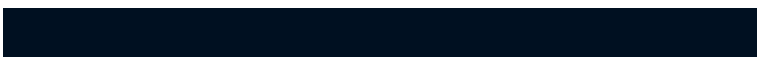
44.1455, 0.2994, 0.3067



10.5106, 0.2984, 0.3165



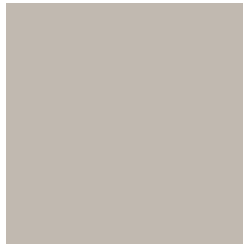
7.6560, 0.1749, 0.1496



0.4687, 0.1867, 0.1920

Previews

White Background



This preview shows how the Yxy color 49.1700, 0.3267, 0.3405 looks on a white background.

Color Contrast Check

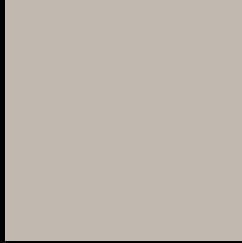
Large Text (above 18pt) WCAG AA × Fail

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 49.1700, 0.3267, 0.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

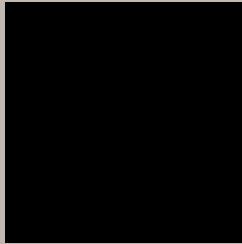
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

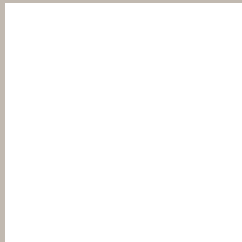
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.1700, 0.3267, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 49.1700, 0.3267, 0.3405.

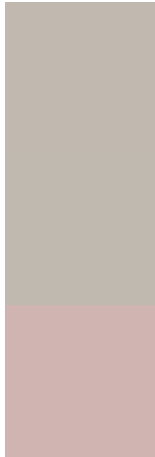


This preview shows how white text looks on a background with the Yxy color 49.1700, 0.3267, 0.3405.

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

49.1700, 0.3267, 0.3405

Protanopia

49.0390, 0.3258, 0.3405

Deuteranopia

49.2267, 0.3398, 0.3327



Tritanopia

49.1772, 0.3135, 0.3118

Trichromacy



Original Color

49.1700, 0.3267, 0.3405

Protanomaly

49.0390, 0.3258, 0.3405

Deuteranomaly

49.3267, 0.3350, 0.3352

Tritanomaly

49.1432, 0.3182, 0.3215

Monochromacy



Original Color

49.1700, 0.3267, 0.3405

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.3140, 0.3184, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1700, 0.3267, 0.3405 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(193, 185, 176)` looks like.

```
.text, #text, p{  
    color:rgb(193, 185, 176)  
}
```

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(193, 185, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 185, 176) }
```

Border

The CSS property to change the border of an element to Yxy 49.1700, 0.3267, 0.3405 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(193, 185, 176) }
```

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

```
.border{ border-color:rgb(193, 185, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 185, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 185, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 185, 176);  
box-shadow:4px 4px 4px 4px rgb(193, 185,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1700, 0.3267, 0.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 185, 176) }
```

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

```
.background{ background-color: rgb(193,  
185, 176) }
```

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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