

Converting Colors

$Yxy(49.2858, 0.3289, 0.3401)$

Have a look what the booklet for
Yxy(49.2858, 0.3289, 0.3401)
contains.

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Color

Yxy(49.4346, 0.3284, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	C3B9B0
RGB	195, 185, 176
RGB Percent	76%, 73%, 69%
CMY	0.2353, 0.2745, 0.3098
CMYK	0.00, 0.05, 0.10, 0.24
HSL	28°, 14%, 73%
HSV	28°, 10%, 76%
XYZ	47.6919, 49.4346, 48.0985
YIQ	186.9640, 8.8490, -0.6790

Conversions

Conversions Part 2

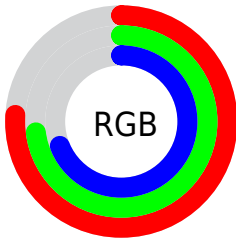
Format	Color
RYB	195, 193, 176
Decimal	12827056
CIELab	75.72, 1.97, 5.82
CIELCh	76, 6.145, 71.304
Yxy	49.4346, 0.3284, 0.3404
Android (android.graphics.Color)	4291017136 (0xFFC3B9B0)
YUV	186.9640, -5.4053, 7.0476
Hunter-Lab	70.3097, -1.9635, 8.6568

Details

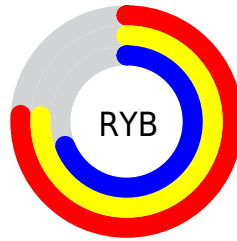
The Yxy color $49.4346, 0.3284, 0.3404$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $48.2872, 0.2978, 0.3173$, and the grayscale version is $49.7014, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.4322, 0.3256, 0.3379$, and $23.6205, 0.3319, 0.3427$ is the 20% darker color. If you saturate the color by 10%, you get $44.5799, 0.3468, 0.3528$, and if you desaturate by 10%, it is $54.7144, 0.3123, 0.3287$.

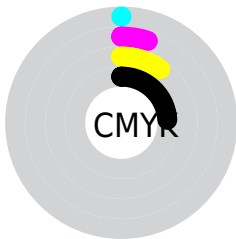
Distribution



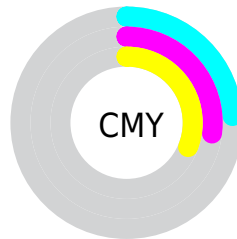
- Red (76%)
- Green (73%)
- Blue (69%)



- Red (76%)
- Yellow (76%)
- Blue (69%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (24%)



- Cyan (24%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.4346, 0.3284, 0.3404 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 49.4346, 0.3284, 0.3404 by changing the saturation by 10% instead.

■ 49.4346, 0.3284,
0.3404

■ 49.4346, 0.3284,
0.3404

384.4507, 0.3206,
0.3348

■ 34.9644, 0.3303,
0.3418

■ 89.3366, 0.3256,
0.3384

■ 23.6354, 0.3328,
0.3435

115.5371, 0.3245,
0.3376

■ 15.0634, 0.3361,
0.3458

146.4165, 0.3236,
0.3370

■ 8.8639, 0.3406,
0.3490

182.3592, 0.3229,
0.3364

■ 4.6525, 0.3473,
0.3537

223.7496, 0.3222,
0.3359

■ 2.0449, 0.3583,
0.3611

270.9721, 0.3216,

■ 0.6333, 0.4151,

0.3355

0.4044

324.4110, 0.3211,
0.3351

0.0000, 0.0000,
0.0000

49.4346, 0.3284,
0.3404

49.4346, 0.3284,
0.3404

44.5799, 0.3468,
0.3528

54.7144, 0.3123,
0.3287

40.1326, 0.3678,
0.3655

60.4235, 0.2984,
0.3178

36.0831, 0.3914,
0.3782

66.5744, 0.2863,
0.3078

32.4190, 0.4174,
0.3902

73.1770, 0.2758,
0.2986

29.1272, 0.4453,
0.4005

78.9916, 0.2762,
0.3088

■ 26.1935, 0.4739,
0.4079

■ 85.0814, 0.2771,
0.3200

■ 23.6026, 0.5018,
0.4111

■ 90.3432, 0.2778,
0.3289

■ 21.3373, 0.5269,
0.4092

■ 19.3724, 0.5484,
0.4025

Harmonies

Analogous

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



49.4346, 0.3290, 0.3343



49.4346, 0.3284, 0.3404



49.4346, 0.3236, 0.3435

Triad

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



49.4346, 0.3284, 0.3404



49.4346, 0.3004, 0.3310



49.4346, 0.3094, 0.3158

Complementary

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



49.4346, 0.3284, 0.3404



48.2872, 0.2978, 0.3173

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.



49.4346, 0.3019, 0.3147



49.4346, 0.3284, 0.3404



49.4346, 0.2967, 0.3234

Square

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



49.4346, 0.3284, 0.3404



49.4346, 0.3074, 0.3381



49.4346, 0.2973, 0.3175



49.4346, 0.3180, 0.3202

Rectangle

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



49.4346, 0.3284, 0.3404



49.4346, 0.3186, 0.3435



49.4346, 0.2973, 0.3175



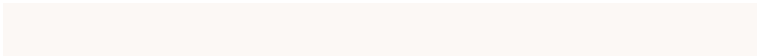
49.4346, 0.3067, 0.3150

Sweetspot

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



49.4368, 0.3284, 0.3404



94.7857, 0.3174, 0.3325



46.2023, 0.3211, 0.3163



20.5864, 0.3187, 0.3334



0.0000, 0.0000, 0.0000



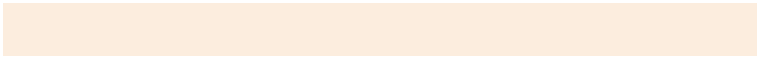
21.4041, 0.3127, 0.3290

Same Dimension

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



49.4368, 0.3284, 0.3404



86.3468, 0.3327, 0.3434



53.4880, 0.3271, 0.3519



10.8474, 0.3277, 0.3399



12.7260, 0.5468, 0.4041



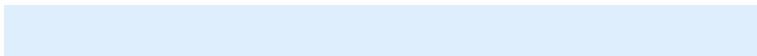
0.6878, 0.5111, 0.4324

Inverse Universe

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



48.2872, 0.2978, 0.3173



83.8161, 0.2940, 0.3142



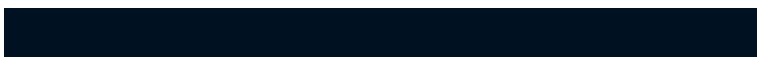
44.4672, 0.2977, 0.3050



10.6055, 0.2984, 0.3178



8.9843, 0.1801, 0.1683



0.5254, 0.1909, 0.2072

Previews

White Background



This preview shows how the Yxy color 49.4346, 0.3284, 0.3404 looks on a white background.

Color Contrast Check

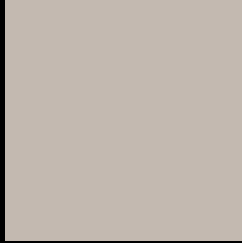
Large Text (above 18pt) WCAG AA × Fail

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 49.4346, 0.3284, 0.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

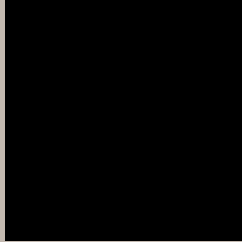
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

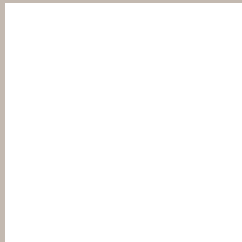
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.4346, 0.3284, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 49.4346, 0.3284, 0.3404.

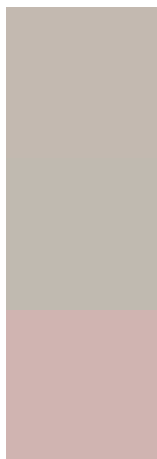


This preview shows how white text looks on a background with the Yxy color 49.4346, 0.3284, 0.3404.

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

49.4346, 0.3284, 0.3404

Protanopia

49.4589, 0.3257, 0.3417

Deuteranopia

49.2267, 0.3398, 0.3327



Tritanopia

49.4472, 0.3152, 0.3118

Trichromacy



Original Color

49.4346, 0.3284, 0.3404

Protanomaly

49.5899, 0.3265, 0.3417

Deuteranomaly

49.3267, 0.3350, 0.3352

Tritanomaly

49.4114, 0.3199, 0.3216

Monochromacy



Original Color

49.4346, 0.3284, 0.3404

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.4839, 0.3184, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4346, 0.3284, 0.3404 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(195, 185, 176)` looks like.

```
.text, #text, p{  
    color:rgb(195, 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(195, 185, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 185, 176) }
```

Border

The CSS property to change the border of an element to Yxy 49.4346, 0.3284, 0.3404 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(195, 185, 176) }
```

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

```
.border{ border-color:rgb(195, 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(195, 185, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 185, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 185, 176);  
box-shadow:4px 4px 4px 4px rgb(195, 185,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4346, 0.3284, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 185, 176) }
```

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

```
.background{ background-color: rgb(195,  
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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