

Converting Colors

$Yxy(49.8034, 0.3254, 0.3388)$

Have a look what the booklet for
Yxy(49.8034, 0.3254, 0.3388)
contains.

Yxy(49.8015, 0.3258, 0.3391)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(49.8015, 0.3258, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	C2BAB2
RGB	194, 186, 178
RGB Percent	76%, 73%, 70%
CMY	0.2391, 0.2706, 0.3019
CMYK	0.00, 0.04, 0.08, 0.24
HSL	30°, 12%, 73%
HSV	30°, 8%, 76%
XYZ	47.8482, 49.8015, 49.2140
YIQ	187.4800, 7.3360, -0.7920

Conversions

Conversions Part 2

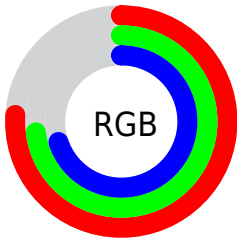
Format	Color
RYB	194, 194, 178
Decimal	12761778
CIELab	75.95, 1.43, 5.04
CIELCh	76, 5.240, 74.191
Yxy	49.8015, 0.3258, 0.3391
Android (android.graphics.Color)	4290951858 (0xFFC2BAB2)
YUV	187.4800, -4.6736, 5.7180
Hunter-Lab	70.5702, -2.4707, 8.0516

Details

The Yxy color **49.8015, 0.3258, 0.3391** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.4960, 0.3001, 0.3187**, and the grayscale version is **50.0062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9540, 0.3236, 0.3369**, and **23.8312, 0.3294, 0.3427** is the 20% darker color. If you saturate the color by 10%, you get **45.1189, 0.3437, 0.3520**, and if you desaturate by 10%, it is **54.8777, 0.3101, 0.3269**.

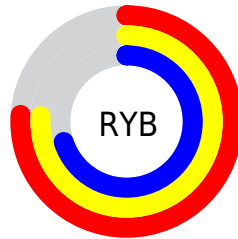
Distribution



Red (76%)

Green (73%)

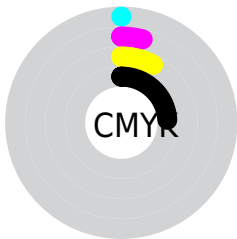
Blue (70%)



Red (76%)

Yellow (76%)

Blue (70%)

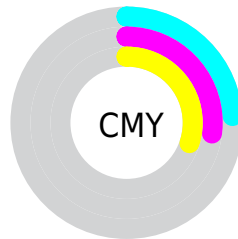


Cyan (0%)

Magenta (4%)

Yellow (8%)

Black (24%)



Cyan (24%)


Magenta (27%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.8015, 0.3258, 0.3391 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 49.8015, 0.3258, 0.3391 by changing the saturation by 10% instead.


 49.8015, 0.3258,
0.3391

 49.8015, 0.3258,
0.3391

385.8892, 0.3193,
0.3341

 35.2557, 0.3274,
0.3403


 89.8807, 0.3235,
0.3373

 23.8599, 0.3295,
0.3419


116.1829, 0.3226,
0.3366

 15.2297, 0.3322,
0.3439


147.1727, 0.3218,
0.3361

 8.9808, 0.3359,
0.3468

183.2344, 0.3212,
0.3356

 4.7286, 0.3415,
0.3509

224.7526, 0.3206,
0.3351

 2.0889, 0.3505,
0.3576

272.1115, 0.3201,

 0.6584, 0.3924,

0.3348

0.3911

325.6955, 0.3197,
0.3344

0.0000, 0.0000,
0.0000

49.8015, 0.3258,
0.3391

49.8015, 0.3258,
0.3391

45.1189, 0.3437,
0.3520

54.8777, 0.3101,
0.3269

40.8131, 0.3640,
0.3653

60.3507, 0.2965,
0.3156

36.8760, 0.3867,
0.3787

66.2319, 0.2846,
0.3051

33.2961, 0.4117,
0.3915

72.4904, 0.2746,
0.2962

30.0617, 0.4385,
0.4026

77.8971, 0.2755,
0.3070

■ 27.1600, 0.4660,
0.4111

■ 83.6081, 0.2764,
0.3176

■ 24.5771, 0.4928,
0.4156

■ 89.6283, 0.2772,
0.3279

■ 22.2978, 0.5172,
0.4150

■ 90.2127, 0.2773,
0.3289

■ 20.3014, 0.5380,
0.4093

Harmonies

Analogous

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



49.8015, 0.3267, 0.3341



49.8015, 0.3258, 0.3391



49.8015, 0.3214, 0.3414

Triad

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



49.8015, 0.3258, 0.3391



49.8015, 0.3018, 0.3300



49.8015, 0.3106, 0.3180

Complementary

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



49.8015, 0.3258, 0.3391



48.4960, 0.3001, 0.3187

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.



49.8015, 0.3040, 0.3168



49.8015, 0.3258, 0.3391



49.8015, 0.2990, 0.3237

Square

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



49.8015, 0.3258, 0.3391



49.8015, 0.3075, 0.3362



49.8015, 0.2998, 0.3188



49.8015, 0.3179, 0.3220

Rectangle

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



49.8015, 0.3258, 0.3391



49.8015, 0.3171, 0.3411



49.8015, 0.2998, 0.3188



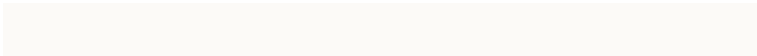
49.8015, 0.3083, 0.3172

Sweetspot

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



49.8037, 0.3258, 0.3391



95.8406, 0.3158, 0.3314



46.8742, 0.3199, 0.3186



21.0084, 0.3156, 0.3313



0.0000, 0.0000, 0.0000



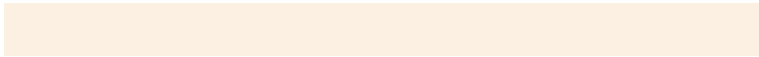
21.4041, 0.3127, 0.3290

Same Dimension

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



49.8037, 0.3258, 0.3391



88.5363, 0.3290, 0.3415



53.1637, 0.3249, 0.3487



10.8891, 0.3277, 0.3405



13.2951, 0.5395, 0.4098



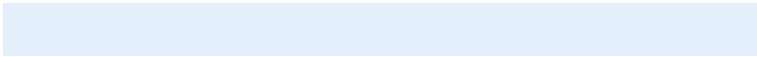
0.7123, 0.5058, 0.4366

Inverse Universe

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



48.4960, 0.3001, 0.3187



85.6591, 0.2971, 0.3162



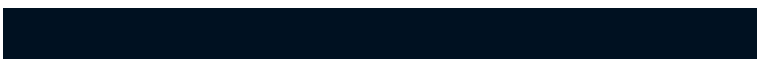
45.3127, 0.3001, 0.3085



10.5636, 0.2984, 0.3172



8.3767, 0.1778, 0.1600



0.4998, 0.1890, 0.2005

Previews

White Background



This preview shows how the Yxy color 49.8015, 0.3258, 0.3391 looks on a white background.

Color Contrast Check

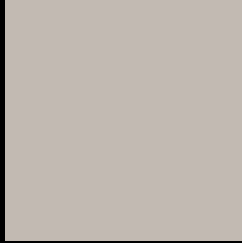
Large Text (above 18pt) WCAG AA × Fail

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 49.8015, 0.3258, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

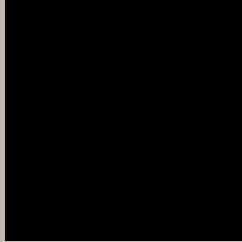
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

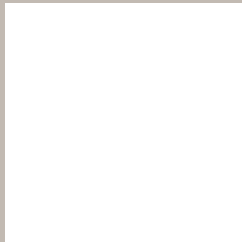
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.8015, 0.3258, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 49.8015, 0.3258, 0.3391.

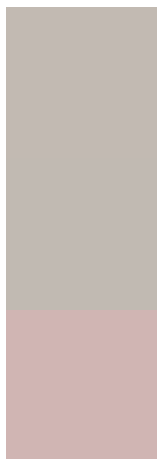


This preview shows how white text looks on a background with the Yxy color 49.8015, 0.3258, 0.3391.

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

49.8015, 0.3258, 0.3391

Protanopia

49.6696, 0.3249, 0.3391

Deuteranopia

49.7123, 0.3379, 0.3315



Tritanopia

49.7685, 0.3135, 0.3118

Trichromacy



Original Color

49.8015, 0.3258, 0.3391

Protanomaly

49.6696, 0.3249, 0.3391

Deuteranomaly

49.8182, 0.3332, 0.3340

Tritanomaly

49.7344, 0.3181, 0.3216

Monochromacy



Original Color

49.8015, 0.3258, 0.3391

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.9485, 0.3175, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.8015, 0.3258, 0.3391 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(194, 186, 178)` looks like.

```
.text, #text, p{  
    color:rgb(194, 186, 178)  
}
```

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(194, 186, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 186, 178) }
```

Border

The CSS property to change the border of an element to Yxy 49.8015, 0.3258, 0.3391 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(194, 186, 178) }
```

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

```
.border{ border-color:rgb(194, 186, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 186, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 186, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 186, 178);  
box-shadow:4px 4px 4px 4px rgb(194, 186,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 49.8015, 0.3258, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 186, 178) }
```

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

```
.background{ background-color: rgb(194,  
186, 178) }
```

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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