

Converting Colors

$Yxy(49.4413, 0.3236, 0.3383)$

Have a look what the booklet for
Yxy(49.4413, 0.3236, 0.3383)
contains.

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Color

Yxy(49.5386, 0.3241, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	C0BAB2
RGB	192, 186, 178
RGB Percent	75%, 73%, 70%
CMY	0.2470, 0.2706, 0.3021
CMYK	0.00, 0.03, 0.07, 0.25
HSL	34°, 10%, 73%
HSV	34°, 7%, 75%
XYZ	47.3333, 49.5386, 49.1735
YIQ	186.8820, 6.1440, -1.2160

Conversions

Conversions Part 2

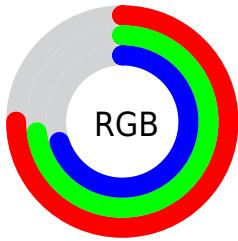
Format	Color
RYB	189, 192, 178
Decimal	12630706
CIELab	75.79, 0.69, 4.80
CIELCh	76, 4.855, 81.777
Yxy	49.5386, 0.3241, 0.3392
Android (android.graphics.Color)	4290820786 (0xFFC0BAB2)
YUV	186.8820, -4.3788, 4.4885
Hunter-Lab	70.3837, -3.1294, 7.8457

Details

The Yxy color $49.5386, 0.3241, 0.3392$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $47.5439, 0.3016, 0.3186$, and the grayscale version is $49.6478, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.4012, 0.3216, 0.3370$, and $23.7447, 0.3282, 0.3428$ is the 20% darker color. If you saturate the color by 10%, you get $45.4576, 0.3414, 0.3538$, and if you desaturate by 10%, it is $53.9312, 0.3088, 0.3254$.

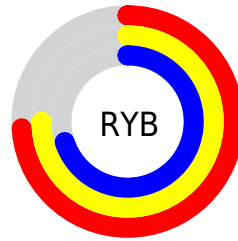
Distribution



Red (75%)

Green (73%)

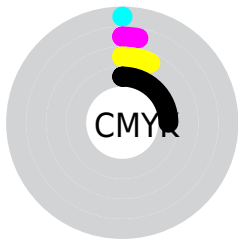
Blue (70%)



Red (74%)

Yellow (75%)

Blue (70%)

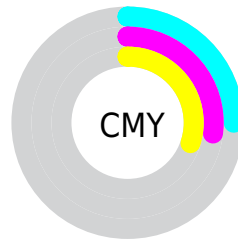


Cyan (0%)

Magenta (3%)

Yellow (7%)

Black (25%)



Cyan (25%)

Magenta (27%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.5386, 0.3241, 0.3392 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 49.5386, 0.3241, 0.3392 by changing the saturation by 10% instead.

■ 49.5386, 0.3241,
0.3392

■ 49.5386, 0.3241,
0.3392

384.8588, 0.3185,
0.3342

■ 35.0469, 0.3255,
0.3404

■ 89.4909, 0.3221,
0.3374

■ 23.6990, 0.3273,
0.3420

115.7202, 0.3213,
0.3367

■ 15.1105, 0.3296,
0.3441

146.6310, 0.3206,
0.3361

■ 8.8970, 0.3329,
0.3470

182.6075, 0.3201,
0.3356

■ 4.6740, 0.3378,
0.3513

224.0341, 0.3196,
0.3352

■ 2.0573, 0.3457,
0.3582

271.2953, 0.3192,

■ 0.6405, 0.3844,

0.3348

0.3935

324.7754, 0.3188,
0.3345

0.0000, 0.0000,
0.0000

49.5386, 0.3241,
0.3392

49.5386, 0.3241,
0.3392

45.4576, 0.3414,
0.3538

53.9312, 0.3088,
0.3254

41.6740, 0.3606,
0.3689

58.6363, 0.2953,
0.3124

38.1818, 0.3819,
0.3841

63.6633, 0.2834,
0.3005

34.9722, 0.4048,
0.3987

69.0191, 0.2729,
0.2895

32.0361, 0.4289,
0.4117

73.4266, 0.2736,
0.2985

■ 29.3636, 0.4532,
0.4221

■ 78.0348, 0.2744,
0.3077

■ 26.9438, 0.4766,
0.4285

■ 82.8607, 0.2752,
0.3167

■ 24.7646, 0.4977,
0.4301

■ 87.9072, 0.2760,
0.3255

■ 22.8103, 0.5155,
0.4266

■ 89.9482, 0.2763,
0.3289

Harmonies

Analogous

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



49.5386, 0.3258, 0.3351



49.5386, 0.3241, 0.3392



49.5386, 0.3193, 0.3406

Triad

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



49.5386, 0.3241, 0.3392



49.5386, 0.3016, 0.3284



49.5386, 0.3125, 0.3195

Complementary

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



49.5386, 0.3241, 0.3392



47.5439, 0.3016, 0.3186

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.



49.5386, 0.3061, 0.3177



49.5386, 0.3241, 0.3392



49.5386, 0.2998, 0.3227

Square

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



49.5386, 0.3241, 0.3392



49.5386, 0.3064, 0.3344



49.5386, 0.3014, 0.3188



49.5386, 0.3191, 0.3238

Rectangle

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



49.5386, 0.3241, 0.3392



49.5386, 0.3151, 0.3398



49.5386, 0.3014, 0.3188



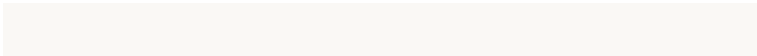
49.5386, 0.3103, 0.3185

Sweetspot

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



49.5408, 0.3241, 0.3392



93.8794, 0.3158, 0.3318



46.5028, 0.3200, 0.3213



20.1578, 0.3156, 0.3316



97.7402, 0.3127, 0.3290



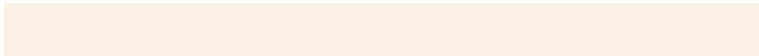
20.4902, 0.3127, 0.3290

Same Dimension

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



49.5408, 0.3241, 0.3392



88.3535, 0.3271, 0.3418



52.0050, 0.3226, 0.3467



11.0125, 0.3275, 0.3422



15.1717, 0.5185, 0.4265



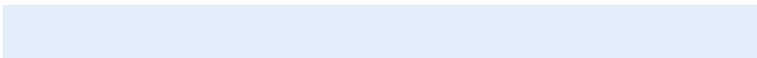
0.7901, 0.4907, 0.4486

Inverse Universe

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



47.5439, 0.3016, 0.3186



83.8842, 0.2987, 0.3158



45.2110, 0.3024, 0.3107



10.4413, 0.2984, 0.3155



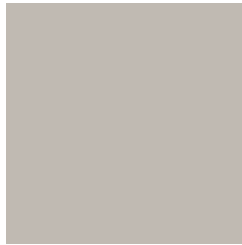
6.7907, 0.1713, 0.1366



0.4300, 0.1836, 0.1810

Previews

White Background



This preview shows how the Yxy color 49.5386, 0.3241, 0.3392 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 49.5386, 0.3241, 0.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

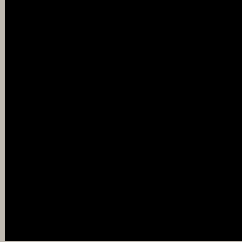
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

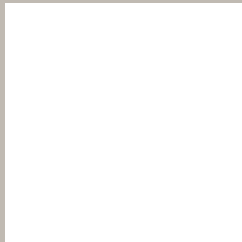
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.5386, 0.3241, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 49.5386, 0.3241, 0.3392.

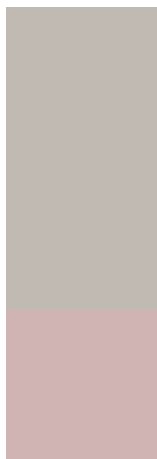


This preview shows how white text looks on a background with the Yxy color 49.5386, 0.3241, 0.3392.

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

49.5386, 0.3241, 0.3392

Protanopia

49.5386, 0.3241, 0.3392

Deuteranopia

49.3071, 0.3381, 0.3303



Tritanopia

49.5003, 0.3118, 0.3117

Trichromacy



Original Color

49.5386, 0.3241, 0.3392

Protanomaly

49.5386, 0.3241, 0.3392

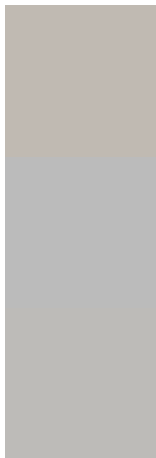
Deuteranomaly

49.2671, 0.3325, 0.3328

Tritanomaly

49.4680, 0.3164, 0.3215

Monochromacy



Original Color

49.5386, 0.3241, 0.3392

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.8202, 0.3167, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5386, 0.3241, 0.3392 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(192, 186, 178)` looks like.

```
.text, #text, p{  
    color:rgb(192, 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(192, 186, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 186, 178) }
```

Border

The CSS property to change the border of an element to Yxy 49.5386, 0.3241, 0.3392 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(192, 186, 178) }
```

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

```
.border{ border-color:rgb(192, 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(192, 186, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 186, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 186, 178);  
box-shadow:4px 4px 4px 4px rgb(192, 186,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5386, 0.3241, 0.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 186, 178) }
```

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

```
.background{ background-color: rgb(192,  
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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