

Converting Colors

$Yxy(48.0860, 0.3291, 0.3389)$

Have a look what the booklet for
Yxy(48.0860, 0.3291, 0.3389)
contains.

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Color

Yxy(47.9812, 0.3296, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	C2B6AE
RGB	194, 182, 174
RGB Percent	76%, 71%, 68%
CMY	0.2391, 0.2863, 0.3176
CMYK	0.00, 0.06, 0.10, 0.24
HSL	24°, 14%, 72%
HSV	24°, 10%, 76%
XYZ	46.6232, 47.9812, 46.8496
YIQ	184.6760, 9.7200, 0.0560

Conversions

Conversions Part 2

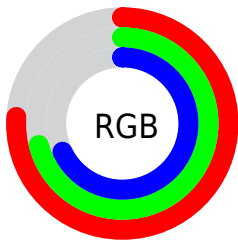
Format	Color
RYB	194, 187, 174
Decimal	12760750
CIELab	74.81, 2.89, 5.59
CIELCh	75, 6.290, 62.620
Yxy	47.9812, 0.3296, 0.3392
Android (android.graphics.Color)	4290950830 (0xFFC2B6AE)
YUV	184.6760, -5.2633, 8.1771
Hunter-Lab	69.2685, -1.0750, 8.3873

Details

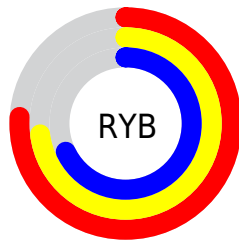
The Yxy color $47.9812, 0.3296, 0.3392$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $48.0342, 0.2969, 0.3186$, and the grayscale version is $48.3556, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.3154, 0.3271, 0.3380$, and $22.6811, 0.3336, 0.3412$ is the 20% darker color. If you saturate the color by 10%, you get $42.6994, 0.3487, 0.3497$, and if you desaturate by 10%, it is $53.7746, 0.3132, 0.3293$.

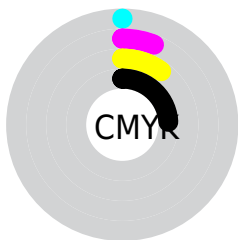
Distribution



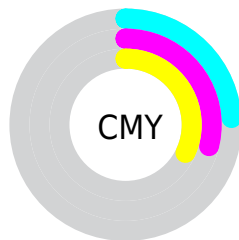
- Red (76%)
- Green (71%)
- Blue (68%)



- Red (76%)
- Yellow (73%)
- Blue (68%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (24%)





- Cyan (24%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9812, 0.3296, 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 47.9812, 0.3296, 0.3392 by changing the saturation by 10% instead.

 47.9812, 0.3296,
0.3392

 47.9812, 0.3296,
0.3392


378.7176, 0.3212,
0.3342

 33.8120, 0.3317,
0.3404


 87.1764, 0.3265,
0.3374

 22.7492, 0.3344,
0.3420


112.9712, 0.3254,
0.3367

 14.4084, 0.3380,
0.3441


143.4100, 0.3244,
0.3361

 8.4053, 0.3430,
0.3470

178.8772, 0.3236,
0.3356

 4.3554, 0.3505,
0.3512

219.7571, 0.3229,
0.3352

 1.8743, 0.3629,
0.3579

266.4343, 0.3222,

 0.5328, 0.4440,

0.3348

0.4100

319.2929, 0.3217,
0.3345

0.0000, 0.0000,
0.0000

47.9812, 0.3296,
0.3392

47.9812, 0.3296,
0.3392

42.6994, 0.3487,
0.3497

53.7746, 0.3132,
0.3293

37.9087, 0.3708,
0.3605

60.0871, 0.2992,
0.3201

33.5961, 0.3960,
0.3713

66.9338, 0.2871,
0.3117

29.7456, 0.4243,
0.3814

74.3275, 0.2768,
0.3039

26.3406, 0.4552,
0.3897

81.2050, 0.2760,
0.3132

■ 23.3629, 0.4873,
0.3953

■ 88.3085, 0.2771,
0.3257

■ 20.7931, 0.5189,
0.3967

■ 90.2143, 0.2773,
0.3289

■ 18.6094, 0.5473,
0.3929

■ 16.8349, 0.5706,
0.3852

Harmonies

Analogous

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



47.9812, 0.3289, 0.3323



47.9812, 0.3296, 0.3392



47.9812, 0.3258, 0.3435

Triad

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



47.9812, 0.3296, 0.3392



47.9812, 0.3018, 0.3333



47.9812, 0.3069, 0.3146

Complementary

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



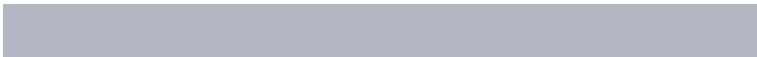
47.9812, 0.3296, 0.3392



48.0342, 0.2969, 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.



47.9812, 0.2998, 0.3147



47.9812, 0.3296, 0.3392



47.9812, 0.2969, 0.3254

Square

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



47.9812, 0.3296, 0.3392



47.9812, 0.3097, 0.3401



47.9812, 0.2961, 0.3186



47.9812, 0.3156, 0.3183

Rectangle

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



47.9812, 0.3296, 0.3392



47.9812, 0.3211, 0.3442



47.9812, 0.2961, 0.3186



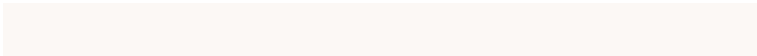
47.9812, 0.3042, 0.3142

Sweetspot

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



47.9833, 0.3296, 0.3392



94.4358, 0.3174, 0.3319



45.3082, 0.3202, 0.3134



20.4898, 0.3187, 0.3327



0.0000, 0.0000, 0.0000



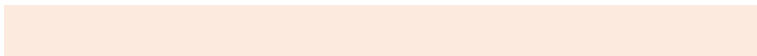
21.4041, 0.3127, 0.3290

Same Dimension

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



47.9833, 0.3296, 0.3392



85.0421, 0.3329, 0.3411



52.0983, 0.3282, 0.3513



10.7223, 0.3279, 0.3382



11.2146, 0.5682, 0.3870



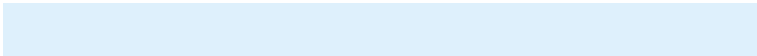
0.6193, 0.5274, 0.4194

Inverse Universe

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



48.0342, 0.2969, 0.3186



85.1492, 0.2940, 0.3166



44.0804, 0.2968, 0.3057



10.7326, 0.2984, 0.3196



11.0343, 0.1873, 0.1943



0.6085, 0.1966, 0.2276

Previews

White Background



This preview shows how the Yxy color 47.9812, 0.3296, 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 47.9812, 0.3296, 0.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

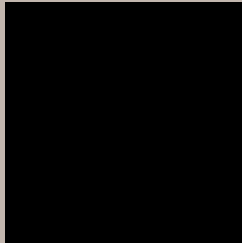
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

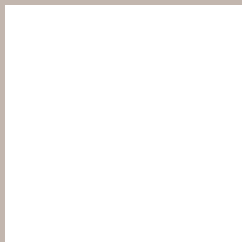
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.9812, 0.3296, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 47.9812, 0.3296, 0.3392.



This preview shows how white text looks on a background with the Yxy color 47.9812, 0.3296, 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

47.9812, 0.3296, 0.3392

Protanopia

47.9093, 0.3251, 0.3393

Deuteranopia

47.9151, 0.3392, 0.3328



Tritanopia

47.9608, 0.3170, 0.3117

Trichromacy



Original Color

47.9812, 0.3296, 0.3392

Protanomaly

48.0385, 0.3260, 0.3393

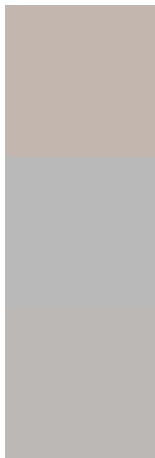
Deuteranomaly

47.7529, 0.3354, 0.3341

Tritanomaly

47.9234, 0.3217, 0.3215

Monochromacy



Original Color

47.9812, 0.3296, 0.3392

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.3085, 0.3185, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9812, 0.3296, 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(194, 182, 174)` looks like.

```
.text, #text, p{  
    color:rgb(194, 182, 174)  
}
```

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, 182, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 182, 174) }
```

Border

The CSS property to change the border of an element to Yxy 47.9812, 0.3296, 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(194, 182, 174) }
```

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

```
.border{ border-color:rgb(194, 182, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 182, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 182, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 182, 174);  
box-shadow:4px 4px 4px 4px rgb(194, 182,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9812, 0.3296, 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(194, 182, 174) }
```

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

```
.background{ background-color: rgb(194,  
182, 174) }
```

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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