

Converting Colors

Yxy(49.1716, 0.3333, 0.3505)

Have a look what the booklet for
Yxy(49.1716, 0.3333, 0.3505)
contains.

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Color

Yxy(49.0318, 0.3332, 0.3494)

Conversions

Conversions Part 1

Format	Color
Hex	C2B9A9
RGB	194, 185, 169
RGB Percent	76%, 73%, 66%
CMY	0.2392, 0.2745, 0.3372
CMYK	0.00, 0.05, 0.13, 0.24
HSL	38°, 17%, 71%
HSV	38°, 13%, 76%
XYZ	46.7584, 49.0318, 44.5412
YIQ	185.8670, 10.5000, -3.0680

Conversions

Conversions Part 2

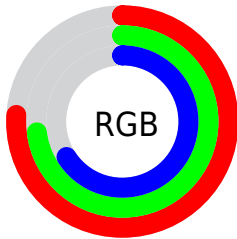
Format	Color
RYB	183, 194, 169
Decimal	12761513
CIELab	75.47, 0.44, 9.24
CIELCh	75, 9.252, 87.292
Yxy	49.0318, 0.3332, 0.3494
Android (android.graphics.Color)	4290951593 (0xFFC2B9A9)
YUV	185.8670, -8.3154, 7.1326
Hunter-Lab	70.0227, -3.3444, 11.3017

Details

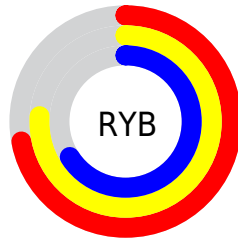
The Yxy color **49.0318, 0.3332, 0.3494** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.1733, 0.2928, 0.3077**, and the grayscale version is **49.0687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8016, 0.3299, 0.3459**, and **23.3623, 0.3385, 0.3550** is the 20% darker color. If you saturate the color by 10%, you get **45.5087, 0.3511, 0.3660**, and if you desaturate by 10%, it is **52.8108, 0.3170, 0.3334**.

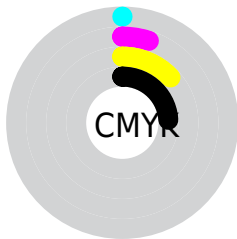
Distribution



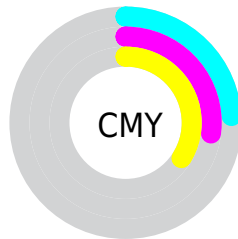
- Red (76%)
- Green (73%)
- Blue (66%)



- Red (72%)
- Yellow (76%)
- Blue (66%)



- Cyan (0%)
- Magenta (5%)
- Yellow (13%)
- Black (24%)





- Cyan (24%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.0318, 0.3332, 0.3494 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 49.0318, 0.3332, 0.3494 by changing the saturation by 10% instead.

 49.0318, 0.3332,
0.3494

 49.0318, 0.3332,
0.3494


382.8675, 0.3230,
0.3393

 34.6447, 0.3357,
0.3519


 88.7387, 0.3295,
0.3458

 23.3893, 0.3389,
0.3551

114.8273, 0.3281,
0.3444

 14.8812, 0.3432,
0.3593


145.5851, 0.3270,
0.3432

 8.7361, 0.3491,
0.3651

181.3967, 0.3260,
0.3422

 4.5694, 0.3578,
0.3736

222.6463, 0.3251,
0.3413

 1.9969, 0.3717,
0.3874

269.7184, 0.3243,

 0.6057, 0.4864,

0.3406

0.5025

322.9973, 0.3236,
0.3399

0.0000, 0.0000,
0.0000

49.0318, 0.3332,
0.3494

49.0318, 0.3332,
0.3494

45.5087, 0.3511,
0.3660

52.8108, 0.3170,
0.3334

42.2282, 0.3705,
0.3829

56.8456, 0.3026,
0.3184

39.1853, 0.3913,
0.3994

61.1446, 0.2897,
0.3043

36.3724, 0.4130,
0.4147

65.7136, 0.2783,
0.2914

33.7812, 0.4349,
0.4278

69.8288, 0.2741,
0.2906

■ 31.4026, 0.4558,
0.4375

■ 73.5684, 0.2747,
0.2984

■ 29.2266, 0.4748,
0.4427

■ 77.4628, 0.2754,
0.3061

■ 27.2414, 0.4909,
0.4429

■ 81.5138, 0.2760,
0.3138

■ 25.9301, 0.5008,
0.4405

■ 85.7232, 0.2767,
0.3213

Harmonies

Analogous

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



49.0318, 0.3378, 0.3422



49.0318, 0.3332, 0.3494



49.0318, 0.3231, 0.3512

Triad

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



49.0318, 0.3332, 0.3494



49.0318, 0.2905, 0.3256



49.0318, 0.3146, 0.3122

Complementary

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



49.0318, 0.3332, 0.3494



44.1733, 0.2928, 0.3077

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.



49.0318, 0.3020, 0.3077



49.0318, 0.3332, 0.3494



49.0318, 0.2883, 0.3152

Square

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



49.0318, 0.3332, 0.3494



49.0318, 0.2985, 0.3373



49.0318, 0.2925, 0.3087



49.0318, 0.3269, 0.3208

Rectangle

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



49.0318, 0.3332, 0.3494



49.0318, 0.3148, 0.3489



49.0318, 0.2925, 0.3087



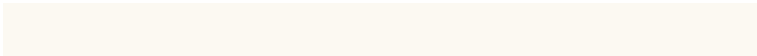
49.0318, 0.3103, 0.3101

Sweetspot

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



49.0340, 0.3332, 0.3494



94.8493, 0.3189, 0.3353



43.0707, 0.3278, 0.3173



20.6535, 0.3201, 0.3365



0.0000, 0.0000, 0.0000



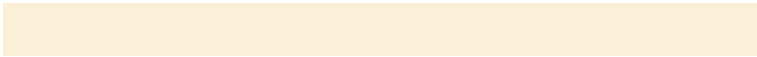
21.4041, 0.3127, 0.3290

Same Dimension

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



49.0340, 0.3332, 0.3494



87.2937, 0.3373, 0.3533



52.4798, 0.3289, 0.3607



11.1288, 0.3273, 0.3437



17.2089, 0.4994, 0.4416



0.8703, 0.4772, 0.4593

Inverse Universe

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



44.1733, 0.2928, 0.3077



77.0431, 0.2889, 0.3035



41.0850, 0.2953, 0.2958



10.3280, 0.2984, 0.3139



5.5681, 0.1658, 0.1168



0.3719, 0.1787, 0.1632

Previews

White Background



This preview shows how the Yxy color 49.0318, 0.3332, 0.3494 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 49.0318, 0.3332, 0.3494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

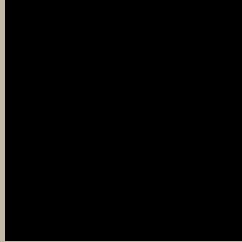
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

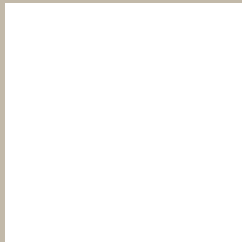
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.0318, 0.3332, 0.3494

Background



This preview shows how black text looks on a background with the Yxy color 49.0318, 0.3332, 0.3494.



This preview shows how white text looks on a background with the Yxy color 49.0318, 0.3332, 0.3494.

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

49.0318, 0.3332, 0.3494

Protanopia

48.9000, 0.3323, 0.3495

Deuteranopia

48.8441, 0.3478, 0.3401



Tritanopia

48.9936, 0.3161, 0.3118

Trichromacy



Original Color

49.0318, 0.3332, 0.3494

Protanomaly

48.9000, 0.3323, 0.3495

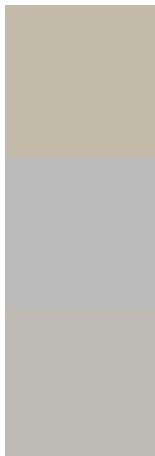
Deuteranomaly

48.7874, 0.3420, 0.3427

Tritanomaly

48.8714, 0.3224, 0.3241

Monochromacy



Original Color

49.0318, 0.3332, 0.3494

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.2319, 0.3199, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0318, 0.3332, 0.3494 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, 185, 169)` looks like.

```
.text, #text, p{  
    color:rgb(194, 185, 169)  
}
```

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, 185, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 185, 169) }
```

Border

The CSS property to change the border of an element to Yxy 49.0318, 0.3332, 0.3494 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, 185, 169) }
```

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

```
.border{ border-color:rgb(194, 185, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 185, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 185, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 185, 169); box-shadow:4px 4px 4px 4px rgb(194, 185, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0318, 0.3332, 0.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 185, 169) }
```

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

```
.background{ background-color: rgb(194,  
185, 169) }
```

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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