

Converting Colors

Yxy(49.2142, 0.3318, 0.3414)

Have a look what the booklet for
Yxy(49.2142, 0.3318, 0.3414)
contains.

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Color

Yxy(49.2073, 0.3319, 0.3416)

Conversions

Conversions Part 1

Format	Color
Hex	C5B8AE
RGB	197, 184, 174
RGB Percent	77%, 72%, 68%
CMY	0.2274, 0.2784, 0.3176
CMYK	0.00, 0.07, 0.12, 0.23
HSL	26°, 17%, 73%
HSV	26°, 12%, 77%
XYZ	47.8100, 49.2073, 47.0322
YIQ	186.7470, 10.9580, -0.3540

Conversions

Conversions Part 2

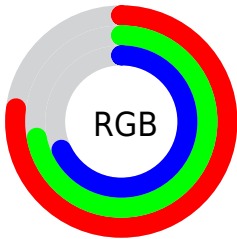
Format	Color
RYB	197, 192, 174
Decimal	12957870
CIELab	75.58, 2.90, 6.71
CIELCh	76, 7.313, 66.601
Yxy	49.2073, 0.3319, 0.3416
Android (android.graphics.Color)	4291147950 (0xFFC5B8AE)
YUV	186.7470, -6.2843, 8.9919
Hunter-Lab	70.1479, -1.1004, 9.3513

Details

The Yxy color **49.2073, 0.3319, 0.3416** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.5871, 0.2948, 0.3161**, and the grayscale version is **49.5780, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0481, 0.3289, 0.3399**, and **23.4774, 0.3368, 0.3444** is the 20% darker color. If you saturate the color by 10%, you get **44.0451, 0.3511, 0.3531**, and if you desaturate by 10%, it is **54.8517, 0.3153, 0.3307**.

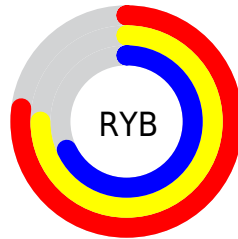
Distribution



Red (77%)

Green (72%)

Blue (68%)



Red (77%)

Yellow (75%)

Blue (68%)

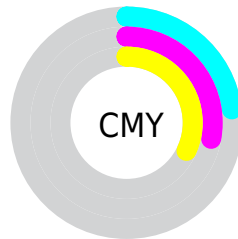


Cyan (0%)

Magenta (7%)

Yellow (12%)

Black (23%)



Cyan (23%)


Magenta (28%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.2073, 0.3319, 0.3416 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 49.2073, 0.3319, 0.3416 by changing the saturation by 10% instead.

 49.2073, 0.3319,
0.3416

 49.2073, 0.3319,
0.3416


383.5578, 0.3224,
0.3354

 34.7840, 0.3343,
0.3431


 88.9993, 0.3284,
0.3394

 23.4965, 0.3373,
0.3450


115.1367, 0.3271,
0.3385

 14.9605, 0.3413,
0.3476


145.9475, 0.3260,
0.3378

 8.7917, 0.3469,
0.3510

181.8163, 0.3251,
0.3372

 4.6056, 0.3552,
0.3561

223.1273, 0.3243,
0.3367

 2.0177, 0.3687,
0.3641

270.2650, 0.3236,

 0.6178, 0.4449,

0.3362

0.4176

323.6137, 0.3229,
0.3358

0.0000, 0.0000,
0.0000

49.2073, 0.3319,
0.3416

49.2073, 0.3319,
0.3416

44.0451, 0.3511,
0.3531

54.8517, 0.3153,
0.3307

39.3454, 0.3732,
0.3648

60.9845, 0.3009,
0.3206

35.0963, 0.3981,
0.3765

67.6199, 0.2886,
0.3113

31.2832, 0.4258,
0.3873

74.7698, 0.2779,
0.3027

27.8905, 0.4555,
0.3962

81.2647, 0.2776,
0.3127

■ 24.9014, 0.4861,
0.4020

■ 88.0235, 0.2786,
0.3246

■ 22.2976, 0.5156,
0.4034

■ 90.6119, 0.2789,
0.3289

■ 20.0589, 0.5418,
0.3996

■ 18.4498, 0.5607,
0.3930

Harmonies

Analogous

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



49.2073, 0.3318, 0.3339



49.2073, 0.3319, 0.3416



49.2073, 0.3268, 0.3460

Triad

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



49.2073, 0.3319, 0.3416



49.2073, 0.2991, 0.3327



49.2073, 0.3072, 0.3128

Complementary

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



49.2073, 0.3319, 0.3416



48.5871, 0.2948, 0.3161

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.



49.2073, 0.2987, 0.3122



49.2073, 0.3319, 0.3416



49.2073, 0.2941, 0.3236

Square

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



49.2073, 0.3319, 0.3416



49.2073, 0.3078, 0.3410



49.2073, 0.2939, 0.3161



49.2073, 0.3174, 0.3175

Rectangle

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



49.2073, 0.3319, 0.3416



49.2073, 0.3212, 0.3465



49.2073, 0.2939, 0.3161



49.2073, 0.3041, 0.3121

Sweetspot

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



49.2095, 0.3319, 0.3416



95.7323, 0.3190, 0.3333



45.7418, 0.3223, 0.3127



20.3223, 0.3202, 0.3341



0.0000, 0.0000, 0.0000



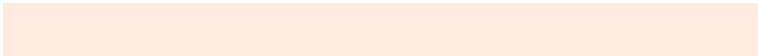
21.4041, 0.3127, 0.3290

Same Dimension

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



49.2095, 0.3319, 0.3416



85.6898, 0.3365, 0.3445



54.1739, 0.3302, 0.3556



11.3816, 0.3279, 0.3391



12.2933, 0.5584, 0.3948



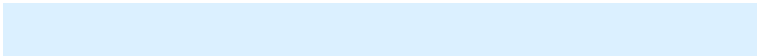
0.7255, 0.5224, 0.4234

Inverse Universe

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



48.5871, 0.2948, 0.3161



84.3555, 0.2908, 0.3130



43.9084, 0.2945, 0.3009



11.2669, 0.2983, 0.3187



10.3690, 0.1838, 0.1818



0.6331, 0.1932, 0.2155

Previews

White Background



This preview shows how the Yxy color 49.2073, 0.3319, 0.3416 looks on a white background.

Color Contrast Check

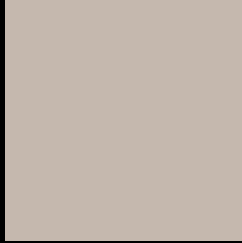
Large Text (above 18pt) WCAG AA × Fail

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 49.2073, 0.3319, 0.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

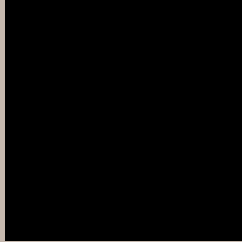
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.2073, 0.3319, 0.3416

Background



This preview shows how black text looks on a background with the Yxy color 49.2073, 0.3319, 0.3416.

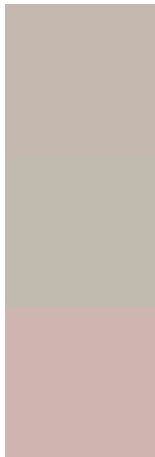


This preview shows how white text looks on a background with the Yxy color 49.2073, 0.3319, 0.3416.

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

49.2073, 0.3319, 0.3416

Protanopia

49.4194, 0.3265, 0.3430

Deuteranopia

49.1476, 0.3415, 0.3352



Tritanopia

49.2672, 0.3178, 0.3119

Trichromacy



Original Color

49.2073, 0.3319, 0.3416

Protanomaly

49.2624, 0.3283, 0.3417

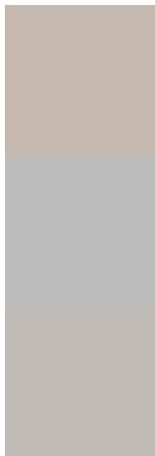
Deuteranomaly

48.9803, 0.3377, 0.3365

Tritanomaly

49.1859, 0.3233, 0.3229

Monochromacy



Original Color

49.2073, 0.3319, 0.3416

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.5716, 0.3200, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.2073, 0.3319, 0.3416 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(197, 184, 174)` looks like.

```
.text, #text, p{  
    color:rgb(197, 184, 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(197, 184, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 184, 174) }
```

Border

The CSS property to change the border of an element to Yxy 49.2073, 0.3319, 0.3416 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(197, 184, 174) }
```

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

```
.border{ border-color:rgb(197, 184, 174) }
```

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

Here you see how a box with a 4 pixel rgb(197, 184, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 184, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 184, 174);  
box-shadow:4px 4px 4px 4px rgb(197, 184,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 49.2073, 0.3319, 0.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 184, 174) }
```

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

```
.background{ background-color: rgb(197,  
184, 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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