

Converting Colors

$Y_{xy}(49.0695, 0.3352, 0.3505)$

Have a look what the booklet for
Yxy(49.0695, 0.3352, 0.3505)
contains.

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Color

Yxy(49.1272, 0.3349, 0.3506)

Conversions

Conversions Part 1

Format	Color
Hex	C3B9A8
RGB	195, 185, 168
RGB Percent	76%, 73%, 66%
CMY	0.2352, 0.2745, 0.3411
CMYK	0.00, 0.05, 0.14, 0.24
HSL	38°, 18%, 71%
HSV	38°, 14%, 76%
XYZ	46.9273, 49.1272, 44.0688
YIQ	186.0520, 11.4170, -3.1670

Conversions

Conversions Part 2

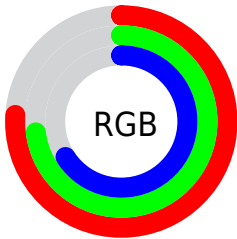
Format	Color
RYB	184, 195, 168
Decimal	12827048
CIELab	75.53, 0.66, 9.87
CIELCh	76, 9.892, 86.197
Yxy	49.1272, 0.3349, 0.3506
Android (android.graphics.Color)	4291017128 (0xFFC3B9A8)
YUV	186.0520, -8.8996, 7.8474
Hunter-Lab	70.0908, -3.1494, 11.7857

Details

The Yxy color **49.1272, 0.3349, 0.3506** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.1280, 0.2912, 0.3064**, and the grayscale version is **49.1825, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9338, 0.3313, 0.3469**, and **23.4262, 0.3409, 0.3567** is the 20% darker color. If you saturate the color by 10%, you get **45.5040, 0.3530, 0.3670**, and if you desaturate by 10%, it is **53.0180, 0.3185, 0.3348**.

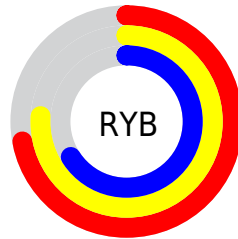
Distribution



Red (76%)

Green (73%)

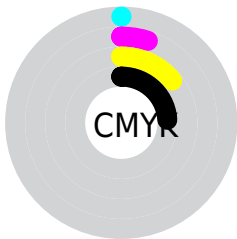
Blue (66%)



Red (72%)

Yellow (76%)

Blue (66%)

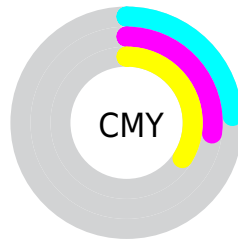


Cyan (0%)

Magenta (5%)

Yellow (14%)

Black (24%)



Cyan (24%)


Magenta (27%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.1272, 0.3349, 0.3506 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 49.1272, 0.3349, 0.3506 by changing the saturation by 10% instead.

 49.1272, 0.3349,
0.3506


 49.1272, 0.3349,
0.3506

383.2429, 0.3239,
0.3399

 34.7204, 0.3376,
0.3532


 88.8803, 0.3309,
0.3467

 23.4476, 0.3411,
0.3566


 114.9955, 0.3294,
0.3453

 14.9243, 0.3457,
0.3610


145.7822, 0.3281,
0.3441

 8.7663, 0.3521,
0.3672

181.6248, 0.3271,
0.3430

 4.5891, 0.3614,
0.3761

222.9078, 0.3261,
0.3421

 2.0082, 0.3765,
0.3904

270.0156, 0.3253,

 0.6122, 0.4941,

0.3413

0.5059

323.3324, 0.3245,
0.3406

0.0000, 0.0000,
0.0000

49.1272, 0.3349,
0.3506

49.1272, 0.3349,
0.3506

45.5040, 0.3530,
0.3670

53.0180, 0.3185,
0.3348

42.1347, 0.3728,
0.3836

57.1766, 0.3039,
0.3199

39.0141, 0.3940,
0.3998

61.6116, 0.2909,
0.3061

36.1340, 0.4161,
0.4147

66.3293, 0.2793,
0.2932

33.4859, 0.4383,
0.4273

70.6381, 0.2748,
0.2921

■ 31.0603, 0.4596,
0.4364

■ 74.5478, 0.2755,
0.3002

■ 28.8465, 0.4789,
0.4409

■ 78.6245, 0.2761,
0.3081

■ 26.8322, 0.4951,
0.4403

■ 82.8699, 0.2768,
0.3160

■ 25.6777, 0.5040,
0.4380

■ 87.2862, 0.2774,
0.3238

Harmonies

Analogous

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



49.1272, 0.3395, 0.3427



49.1272, 0.3349, 0.3506



49.1272, 0.3243, 0.3528

Triad

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



49.1272, 0.3349, 0.3506



49.1272, 0.2892, 0.3258



49.1272, 0.3142, 0.3108

Complementary

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



49.1272, 0.3349, 0.3506



44.1280, 0.2912, 0.3064

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.



49.1272, 0.3008, 0.3062



49.1272, 0.3349, 0.3506



49.1272, 0.2866, 0.3145

Square

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



49.1272, 0.3349, 0.3506



49.1272, 0.2980, 0.3383



49.1272, 0.2908, 0.3075



49.1272, 0.3274, 0.3199

Rectangle

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



49.1272, 0.3349, 0.3506



49.1272, 0.3154, 0.3505



49.1272, 0.2908, 0.3075



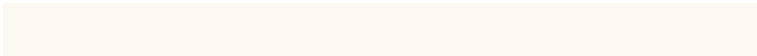
49.1272, 0.3096, 0.3087

Sweetspot

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



49.1294, 0.3349, 0.3506



94.7787, 0.3189, 0.3352



42.8496, 0.3287, 0.3158



20.6352, 0.3201, 0.3364



0.0000, 0.0000, 0.0000



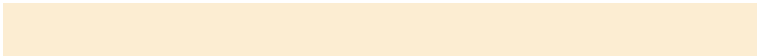
21.4041, 0.3127, 0.3290

Same Dimension

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



49.1294, 0.3349, 0.3506



85.7002, 0.3409, 0.3562



53.0539, 0.3305, 0.3631



11.1095, 0.3274, 0.3435



16.8517, 0.5025, 0.4392



0.8565, 0.4794, 0.4576

Inverse Universe

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



44.1280, 0.2912, 0.3064



74.7915, 0.2856, 0.3003



40.6349, 0.2935, 0.2930



10.3467, 0.2984, 0.3141



5.7541, 0.1666, 0.1199



0.3810, 0.1795, 0.1661

Previews

White Background



This preview shows how the Yxy color 49.1272, 0.3349, 0.3506 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 49.1272, 0.3349, 0.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

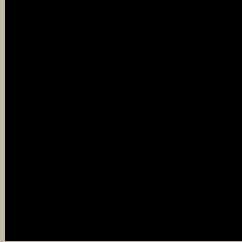
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

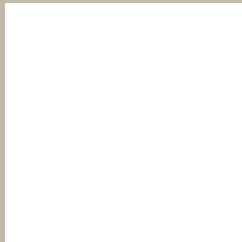
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.1272, 0.3349, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 49.1272, 0.3349, 0.3506.

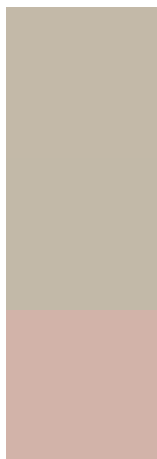


This preview shows how white text looks on a background with the Yxy color 49.1272, 0.3349, 0.3506.

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

49.1272, 0.3349, 0.3506

Protanopia

48.9944, 0.3340, 0.3507

Deuteranopia

48.8064, 0.3487, 0.3413



Tritanopia

49.1300, 0.3169, 0.3119

Trichromacy



Original Color

49.1272, 0.3349, 0.3506

Protanomaly

48.9944, 0.3340, 0.3507

Deuteranomaly

48.8915, 0.3437, 0.3439

Tritanomaly

48.9644, 0.3240, 0.3253

Monochromacy



Original Color

49.1272, 0.3349, 0.3506

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.1913, 0.3207, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1272, 0.3349, 0.3506 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(195, 185, 168)` looks like.

```
.text, #text, p{  
    color:rgb(195, 185, 168)  
}
```

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(195, 185, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 185, 168) }
```

Border

The CSS property to change the border of an element to Yxy 49.1272, 0.3349, 0.3506 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(195, 185, 168) }
```

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

```
.border{ border-color:rgb(195, 185, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 185, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 185, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 185, 168);  
box-shadow:4px 4px 4px 4px rgb(195, 185,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1272, 0.3349, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 185, 168) }
```

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

```
.background{ background-color: rgb(195,  
185, 168) }
```

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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