

Converting Colors

$Yxy(49.1335, 0.3454, 0.3580)$

Have a look what the booklet for
Yxy(49.1335, 0.3454, 0.3580)
contains.

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Color

Yxy(49.1335, 0.3454, 0.3580)

Conversions

Conversions Part 1

Format	Color
Hex	C8B8A1
RGB	200, 184, 161
RGB Percent	78%, 72%, 63%
CMY	0.2155, 0.2785, 0.3686
CMYK	0.00, 0.08, 0.20, 0.22
HSL	35°, 26%, 71%
HSV	35°, 20%, 78%
XYZ	47.4042, 49.1335, 40.7067
YIQ	186.1620, 16.9190, -3.7610

Conversions

Conversions Part 2

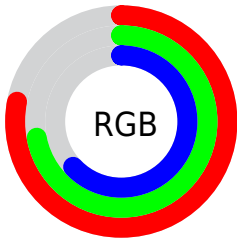
Format	Color
RYB	188, 200, 161
Decimal	13154465
CIELab	75.53, 1.97, 13.74
CIELCh	76, 13.880, 81.826
Yxy	49.1335, 0.3454, 0.3580
Android (android.graphics.Color)	4291344545 (0xFFC8B8A1)
YUV	186.1620, -12.4049, 12.1359
Hunter-Lab	70.0953, -1.9503, 14.6350

Details

The Yxy color $49.1335, 0.3454, 0.3580$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $43.2255, 0.2819, 0.2982$, and the grayscale version is $49.2668, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.5380, 0.3379, 0.3529$, and $23.4477, 0.3553, 0.3665$ is the 20% darker color. If you saturate the color by 10%, you get $45.1641, 0.3650, 0.3736$, and if you desaturate by 10%, it is $53.4193, 0.3277, 0.3428$.

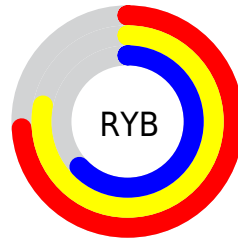
Distribution



Red (78%)

Green (72%)

Blue (63%)



Red (74%)

Yellow (78%)

Blue (63%)

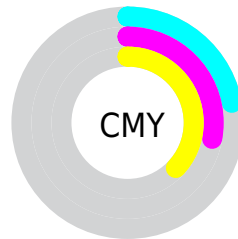


Cyan (0%)

Magenta (8%)

Yellow (20%)

Black (22%)



Cyan (22%)


Magenta (28%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.1335, 0.3454, 0.3580 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 49.1335, 0.3454, 0.3580 by changing the saturation by 10% instead.

 49.1335, 0.3454,
0.3580


 49.1335, 0.3454,
0.3580

383.2676, 0.3292,
0.3437

 34.7254, 0.3494,
0.3615


 88.8897, 0.3395,
0.3529

 23.4514, 0.3545,
0.3659


 115.0066, 0.3373,
0.3509

 14.9272, 0.3613,
0.3717


145.7952, 0.3354,
0.3493

 8.7683, 0.3706,
0.3797

181.6399, 0.3338,
0.3479

 4.5904, 0.3842,
0.3911

222.9251, 0.3324,
0.3466

 2.0090, 0.4057,
0.4088

270.0352, 0.3312,

 0.6127, 0.5072,

0.3455

0.4928

323.3546, 0.3301,
0.3446

0.0000, 0.0000,
0.0000

49.1335, 0.3454,
0.3580

49.1335, 0.3454,
0.3580

45.1641, 0.3650,
0.3736

53.4193, 0.3277,
0.3428

41.4959, 0.3864,
0.3892

58.0231, 0.3120,
0.3283

38.1217, 0.4093,
0.4039

62.9552, 0.2981,
0.3148

35.0316, 0.4330,
0.4168

68.2230, 0.2858,
0.3022

32.2151, 0.4566,
0.4267

73.4389, 0.2782,
0.2968

■ 29.6603, 0.4788,
0.4324

■ 78.0022, 0.2789,
0.3058

■ 27.3539, 0.4984,
0.4331

■ 82.7831, 0.2795,
0.3147

■ 25.2749, 0.5149,
0.4290

■ 87.7846, 0.2802,
0.3235

■ 25.1794, 0.5156,
0.4288

■ 91.0269, 0.2806,
0.3289

Harmonies

Analogous

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



49.1335, 0.3506, 0.3458



49.1335, 0.3454, 0.3580



49.1335, 0.3314, 0.3627

Triad

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



49.1335, 0.3454, 0.3580



49.1335, 0.2812, 0.3268



49.1335, 0.3119, 0.3023

Complementary

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



49.1335, 0.3454, 0.3580



43.2255, 0.2819, 0.2982

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.



49.1335, 0.2936, 0.2971



49.1335, 0.3454, 0.3580



49.1335, 0.2763, 0.3105

Square

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



49.1335, 0.3454, 0.3580



49.1335, 0.2944, 0.3445



49.1335, 0.2807, 0.2999



49.1335, 0.3309, 0.3141

Rectangle

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



49.1335, 0.3454, 0.3580



49.1335, 0.3191, 0.3605



49.1335, 0.2807, 0.2999



49.1335, 0.3054, 0.2997

Sweetspot

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



49.1357, 0.3454, 0.3580



95.1017, 0.3221, 0.3377



40.9651, 0.3354, 0.3085



20.2442, 0.3232, 0.3387



0.0000, 0.0000, 0.0000



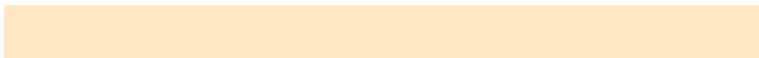
21.4041, 0.3127, 0.3290

Same Dimension

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



49.1357, 0.3454, 0.3580



82.3370, 0.3526, 0.3639



55.7511, 0.3391, 0.3775



11.6568, 0.3275, 0.3426



16.1804, 0.5139, 0.4301



0.9063, 0.4891, 0.4498

Inverse Universe

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



43.2255, 0.2819, 0.2982



70.4448, 0.2756, 0.2914



37.5859, 0.2833, 0.2763



10.9924, 0.2983, 0.3150



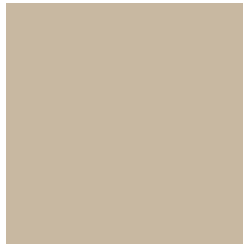
6.6851, 0.1698, 0.1313



0.4586, 0.1815, 0.1732

Previews

White Background



This preview shows how the Yxy color 49.1335, 0.3454, 0.3580 looks on a white background.

Color Contrast Check

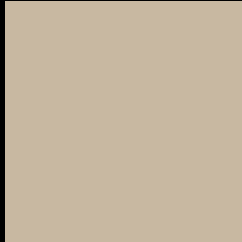
Large Text (above 18pt) WCAG AA × Fail

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 49.1335, 0.3454, 0.3580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

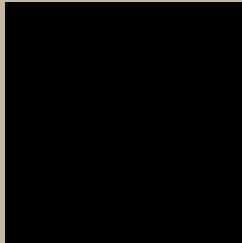
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

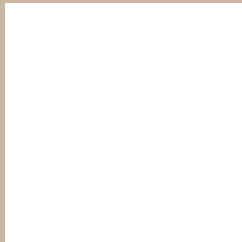
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.1335, 0.3454, 0.3580

Background



This preview shows how black text looks on a background with the Yxy color 49.1335, 0.3454, 0.3580.



This preview shows how white text looks on a background with the Yxy color 49.1335, 0.3454, 0.3580.

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

49.1335, 0.3454, 0.3580

Protanopia

49.3285, 0.3396, 0.3596

Deuteranopia

48.9950, 0.3575, 0.3498



Tritanopia

48.9278, 0.3230, 0.3120

Trichromacy



Original Color

49.1335, 0.3454, 0.3580

Protanomaly

49.1769, 0.3416, 0.3582

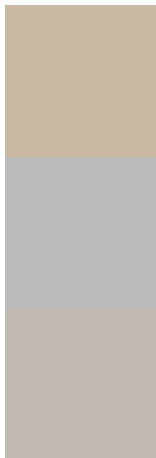
Deuteranomaly

49.0663, 0.3524, 0.3525

Tritanomaly

49.0805, 0.3318, 0.3291

Monochromacy



Original Color

49.1335, 0.3454, 0.3580

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.9486, 0.3241, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1335, 0.3454, 0.3580 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(200, 184, 161)` looks like.

```
.text, #text, p{  
    color:rgb(200, 184, 161)  
}
```

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(200, 184, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 184, 161) }
```

Border

The CSS property to change the border of an element to Yxy 49.1335, 0.3454, 0.3580 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(200, 184, 161) }
```

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

```
.border{ border-color:rgb(200, 184, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 184, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 184, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 184, 161);  
box-shadow:4px 4px 4px 4px rgb(200, 184,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1335, 0.3454, 0.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 184, 161) }
```

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

```
.background{ background-color: rgb(200,  
184, 161) }
```

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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