

Converting Colors

$Y_{xy}(49.7496, 0.3285, 0.3440)$

Have a look what the booklet for
Yxy(49.7496, 0.3285, 0.3440)
contains.

Yxy(49.6431, 0.3290, 0.3442)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.6431, 0.3290, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	C2BAAE
RGB	194, 186, 174
RGB Percent	76%, 73%, 68%
CMY	0.2392, 0.2706, 0.3176
CMYK	0.00, 0.04, 0.10, 0.24
HSL	36°, 14%, 72%
HSV	36°, 10%, 76%
XYZ	47.4508, 49.6431, 47.1335
YIQ	187.0240, 8.6200, -2.0360

Conversions

Conversions Part 2

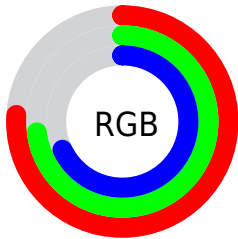
Format	Color
RYB	187, 194, 174
Decimal	12761774
CIELab	75.85, 0.74, 7.07
CIELCh	76, 7.107, 83.990
Yxy	49.6431, 0.3290, 0.3442
Android (android.graphics.Color)	4290951854 (0xFFC2BAAE)
YUV	187.0240, -6.4208, 6.1180
Hunter-Lab	70.4579, -3.0879, 9.6578

Details

The Yxy color $49.6431, 0.3290, 0.3442$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $46.3656, 0.2969, 0.3133$, and the grayscale version is $49.7441, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6706, 0.3267, 0.3419$, and $23.7556, 0.3327, 0.3480$ is the 20% darker color. If you saturate the color by 10%, you get $45.7542, 0.3467, 0.3597$, and if you desaturate by 10%, it is $53.8240, 0.3132, 0.3294$.

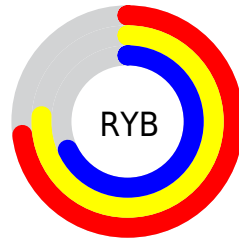
Distribution



Red (76%)

Green (73%)

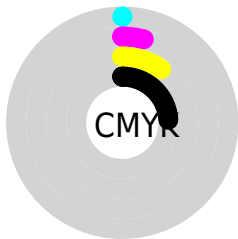
Blue (68%)



Red (73%)

Yellow (76%)

Blue (68%)

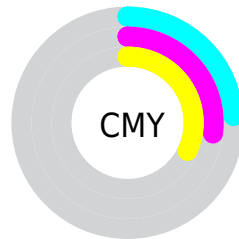


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (24%)



Cyan (24%)


Magenta (27%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.6431, 0.3290, 0.3442 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 49.6431, 0.3290, 0.3442 by changing the saturation by 10% instead.


 49.6431, 0.3290,
0.3442

 49.6431, 0.3290,
0.3442


385.2686, 0.3209,
0.3367

 35.1299, 0.3310,
0.3460


 89.6459, 0.3261,
0.3415

 23.7630, 0.3335,
0.3484


115.9042, 0.3250,
0.3405

 15.1579, 0.3369,
0.3515


146.8464, 0.3241,
0.3396

 8.9303, 0.3416,
0.3558

182.8568, 0.3233,
0.3389

 4.6957, 0.3485,
0.3621

224.3198, 0.3226,
0.3382

 2.0699, 0.3596,
0.3723

271.6199, 0.3220,

 0.6476, 0.4247,

0.3376

0.4340

325.1413, 0.3214,
0.3371

0.0000, 0.0000,
0.0000

49.6431, 0.3290,
0.3442

49.6431, 0.3290,
0.3442

45.7542, 0.3467,
0.3597

53.8240, 0.3132,
0.3294

42.1433, 0.3663,
0.3756

58.2975, 0.2991,
0.3156

38.8047, 0.3875,
0.3913

63.0727, 0.2867,
0.3027

35.7301, 0.4102,
0.4061

68.1560, 0.2757,
0.2909

32.9105, 0.4335,
0.4191

72.4783, 0.2746,
0.2962

■ 30.3362, 0.4565,
0.4289

■ 76.7764, 0.2753,
0.3048

■ 27.9964, 0.4780,
0.4346

■ 81.2686, 0.2760,
0.3133

■ 25.8791, 0.4968,
0.4351

■ 85.9571, 0.2767,
0.3217

■ 24.0191, 0.5123,
0.4314

■ 90.2113, 0.2773,
0.3289

Harmonies

Analogous

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



49.6431, 0.3319, 0.3384



49.6431, 0.3290, 0.3442



49.6431, 0.3217, 0.3460

Triad

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



49.6431, 0.3290, 0.3442



49.6431, 0.2962, 0.3274



49.6431, 0.3131, 0.3155

Complementary

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



49.6431, 0.3290, 0.3442



46.3656, 0.2969, 0.3133

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.



49.6431, 0.3036, 0.3125



49.6431, 0.3290, 0.3442



49.6431, 0.2939, 0.3192

Square

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



49.6431, 0.3290, 0.3442



49.6431, 0.3028, 0.3362



49.6431, 0.2966, 0.3138



49.6431, 0.3226, 0.3219

Rectangle

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



49.6431, 0.3290, 0.3442



49.6431, 0.3154, 0.3446



49.6431, 0.2966, 0.3138



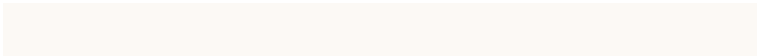
49.6431, 0.3098, 0.3140

Sweetspot

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



49.6453, 0.3290, 0.3442



95.3724, 0.3173, 0.3334



45.1418, 0.3236, 0.3185



20.7485, 0.3186, 0.3346



0.0000, 0.0000, 0.0000



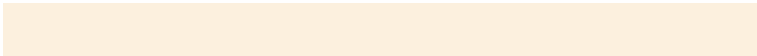
21.4041, 0.3127, 0.3290

Same Dimension

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



49.6453, 0.3290, 0.3442



88.5630, 0.3322, 0.3471



52.8987, 0.3265, 0.3542



11.0590, 0.3274, 0.3428



15.9533, 0.5108, 0.4326



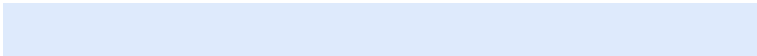
0.8213, 0.4852, 0.4530

Inverse Universe

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



46.3656, 0.2969, 0.3133



81.6270, 0.2939, 0.3103



43.3676, 0.2982, 0.3027



10.3958, 0.2984, 0.3148



6.2722, 0.1690, 0.1284



0.4059, 0.1816, 0.1738

Previews

White Background



This preview shows how the Yxy color 49.6431, 0.3290, 0.3442 looks on a white background.

Color Contrast Check

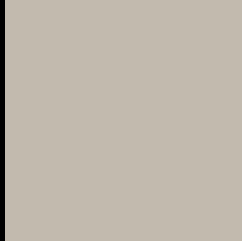
Large Text (above 18pt) WCAG AA × Fail

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 49.6431, 0.3290, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

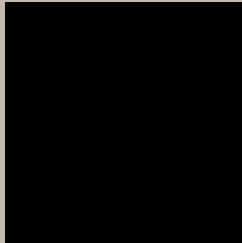
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

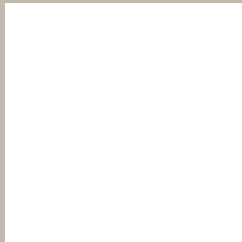
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.6431, 0.3290, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 49.6431, 0.3290, 0.3442.

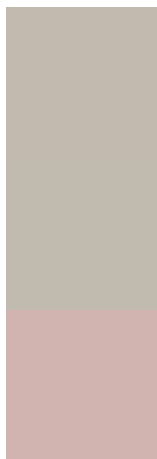


This preview shows how white text looks on a background with the Yxy color 49.6431, 0.3290, 0.3442.

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

49.6431, 0.3290, 0.3442

Protanopia

49.5113, 0.3281, 0.3443

Deuteranopia

49.2930, 0.3424, 0.3352



Tritanopia

49.7685, 0.3135, 0.3118

Trichromacy



Original Color

49.6431, 0.3290, 0.3442

Protanomaly

49.5113, 0.3281, 0.3443

Deuteranomaly

49.3884, 0.3376, 0.3377

Tritanomaly

49.6909, 0.3189, 0.3228

Monochromacy



Original Color

49.6431, 0.3290, 0.3442

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.8652, 0.3191, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.6431, 0.3290, 0.3442 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, 186, 174)` looks like.

```
.text, #text, p{  
    color:rgb(194, 186, 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, 186, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 186, 174) }
```

Border

The CSS property to change the border of an element to Yxy 49.6431, 0.3290, 0.3442 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, 186, 174) }
```

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

```
.border{ border-color:rgb(194, 186, 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, 186, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 186, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 186, 174);  
box-shadow:4px 4px 4px 4px rgb(194, 186,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 49.6431, 0.3290, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 186, 174) }
```

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

```
.background{ background-color: rgb(194,  
186, 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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