

Converting Colors

$Yxy(48.9168, 0.3369, 0.3486)$

Have a look what the booklet for
Yxy(48.9168, 0.3369, 0.3486)
contains.

Yxy(48.9784, 0.3369, 0.3493)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.9784, 0.3369, 0.3493)

Conversions

Conversions Part 1

Format	Color
Hex	C5B8A8
RGB	197, 184, 168
RGB Percent	77%, 72%, 66%
CMY	0.2273, 0.2785, 0.3412
CMYK	0.00, 0.07, 0.15, 0.23
HSL	33°, 20%, 72%
HSV	33°, 15%, 77%
XYZ	47.2397, 48.9784, 44.0006
YIQ	186.0630, 12.8840, -2.2200

Conversions

Conversions Part 2

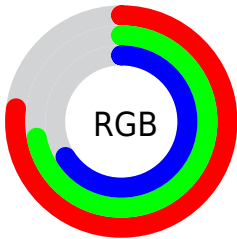
Format	Color
RYB	192, 197, 168
Decimal	12957864
CIELab	75.44, 1.93, 9.79
CIELCh	75, 9.976, 78.846
Yxy	48.9784, 0.3369, 0.3493
Android (android.graphics.Color)	4291147944 (0xFFC5B8A8)
YUV	186.0630, -8.9051, 9.5917
Hunter-Lab	69.9846, -1.9852, 11.7124

Details

The Yxy color **48.9784, 0.3369, 0.3493** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.4130, 0.2898, 0.3078**, and the grayscale version is **49.1881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.7187, 0.3327, 0.3459**, and **23.3332, 0.3436, 0.3548** is the 20% darker color. If you saturate the color by 10%, you get **44.7409, 0.3559, 0.3638**, and if you desaturate by 10%, it is **53.5613, 0.3200, 0.3353**.

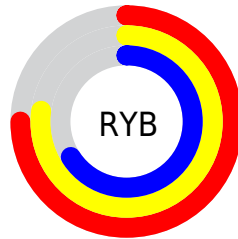
Distribution



Red (77%)

Green (72%)

Blue (66%)



Red (75%)

Yellow (77%)

Blue (66%)

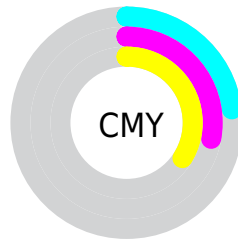


Cyan (0%)

Magenta (7%)

Yellow (15%)

Black (23%)



Cyan (23%)

Magenta (28%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.9784, 0.3369, 0.3493 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 48.9784, 0.3369, 0.3493 by changing the saturation by 10% instead.

 48.9784, 0.3369,
0.3493


 48.9784, 0.3369,
0.3493


382.6573, 0.3249,
0.3393

 34.6023, 0.3399,
0.3518


 88.6594, 0.3325,
0.3457

 23.3567, 0.3437,
0.3549


 114.7331, 0.3309,
0.3443

 14.8571, 0.3487,
0.3590


145.4748, 0.3295,
0.3432

 8.7192, 0.3557,
0.3647

181.2689, 0.3283,
0.3422

 4.5585, 0.3661,
0.3729

222.4998, 0.3273,
0.3413

 1.9906, 0.3828,
0.3860

269.5519, 0.3264,

 0.6020, 0.5071,

0.3406

0.4929

322.8096, 0.3256,
0.3399

0.0000, 0.0000,
0.0000

48.9784, 0.3369,
0.3493

48.9784, 0.3369,
0.3493

44.7409, 0.3559,
0.3638

53.5613, 0.3200,
0.3353

40.8331, 0.3770,
0.3786

58.4917, 0.3051,
0.3222

37.2474, 0.4001,
0.3929

63.7802, 0.2920,
0.3100

33.9738, 0.4246,
0.4060

69.4349, 0.2806,
0.2987

31.0011, 0.4499,
0.4167

74.7003, 0.2767,
0.3000

■ 28.3175, 0.4746,
0.4238

■ 79.6977, 0.2774,
0.3097

■ 25.9096, 0.4975,
0.4262

■ 84.9477, 0.2782,
0.3193

■ 23.7624, 0.5170,
0.4233

■ 90.4539, 0.2789,
0.3286

■ 22.7263, 0.5263,
0.4203

■ 90.6151, 0.2789,
0.3289

Harmonies

Analogous

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



48.9784, 0.3398, 0.3402



48.9784, 0.3369, 0.3493



48.9784, 0.3274, 0.3531

Triad

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



48.9784, 0.3369, 0.3493



48.9784, 0.2906, 0.3289



48.9784, 0.3108, 0.3090

Complementary

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



48.9784, 0.3369, 0.3493



45.4130, 0.2898, 0.3078

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.



48.9784, 0.2978, 0.3058



48.9784, 0.3369, 0.3493



48.9784, 0.2864, 0.3169

Square

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



48.9784, 0.3369, 0.3493



48.9784, 0.3007, 0.3412



48.9784, 0.2890, 0.3085



48.9784, 0.3245, 0.3172

Rectangle

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



48.9784, 0.3369, 0.3493



48.9784, 0.3188, 0.3519



48.9784, 0.2890, 0.3085



48.9784, 0.3062, 0.3073

Sweetspot

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



48.9806, 0.3369, 0.3493



96.4740, 0.3189, 0.3344



43.2125, 0.3282, 0.3125



20.5099, 0.3201, 0.3355



0.0000, 0.0000, 0.0000



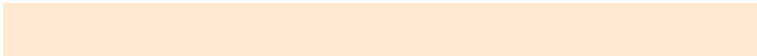
21.4041, 0.3127, 0.3290

Same Dimension

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



48.9806, 0.3369, 0.3493



84.9407, 0.3434, 0.3544



54.4551, 0.3334, 0.3653



11.5898, 0.3276, 0.3417



15.1111, 0.5246, 0.4217



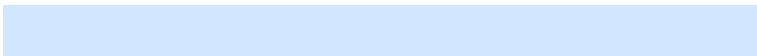
0.8586, 0.4969, 0.4437

Inverse Universe

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



45.4130, 0.2898, 0.3078



77.2180, 0.2841, 0.3022



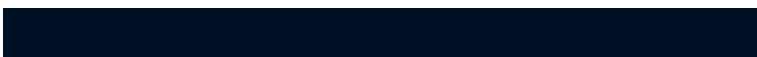
40.5150, 0.2904, 0.2903



11.0583, 0.2983, 0.3159



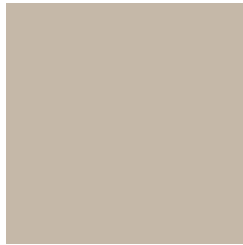
7.4499, 0.1730, 0.1428



0.4968, 0.1843, 0.1833

Previews

White Background



This preview shows how the Yxy color 48.9784, 0.3369, 0.3493 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 48.9784, 0.3369, 0.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

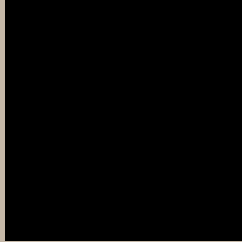
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

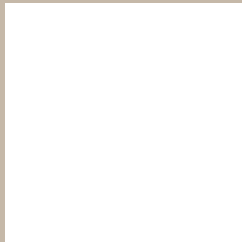
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.9784, 0.3369, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 48.9784, 0.3369, 0.3493.



This preview shows how white text looks on a background with the Yxy color 48.9784, 0.3369, 0.3493.

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

48.9784, 0.3369, 0.3493

Protanopia

48.9000, 0.3323, 0.3495

Deuteranopia

48.8064, 0.3487, 0.3413



Tritanopia

48.9551, 0.3195, 0.3119

Trichromacy



Original Color

48.9784, 0.3369, 0.3493

Protanomaly

49.0318, 0.3332, 0.3494

Deuteranomaly

48.8915, 0.3437, 0.3439

Tritanomaly

48.8299, 0.3259, 0.3241

Monochromacy



Original Color

48.9784, 0.3369, 0.3493

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.8997, 0.3217, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9784, 0.3369, 0.3493 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(197, 184, 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(197, 184, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 184, 168) }
```

Border

The CSS property to change the border of an element to Yxy 48.9784, 0.3369, 0.3493 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, 168) }
```

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

```
.border{ border-color:rgb(197, 184, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 184, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 184, 168);  
box-shadow:4px 4px 4px 4px rgb(197, 184,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9784, 0.3369, 0.3493 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, 168) }
```

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

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