

Converting Colors

$Yxy(43.4464, 0.3663, 0.3965)$

Have a look what the booklet for
Yxy(43.4464, 0.3663, 0.3965)
contains.

Yxy(43.2484, 0.3664, 0.3958)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.2484, 0.3664, 0.3958)

Conversions

Conversions Part 1

Format	Color
Hex	BCB07E
RGB	188, 176, 126
RGB Percent	74%, 69%, 49%
CMY	0.2626, 0.3098, 0.5058
CMYK	0.00, 0.06, 0.33, 0.26
HSL	48°, 32%, 62%
HSV	48°, 33%, 74%
XYZ	40.0359, 43.2484, 25.9840
YIQ	173.8880, 23.2020, -13.0060

Conversions

Conversions Part 2

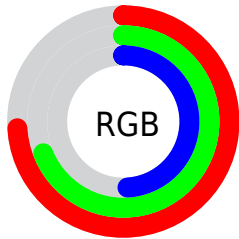
Format	Color
RYB	141, 188, 126
Decimal	12365950
CIELab	71.72, -3.31, 27.19
CIELCh	72, 27.393, 96.942
Yxy	43.2484, 0.3664, 0.3958
Android (android.graphics.Color)	4290556030 (0xFFBCB07E)
YUV	173.8880, -23.6088, 12.3762
Hunter-Lab	65.7635, -6.4178, 22.6082

Details

The Yxy color **43.2484, 0.3664, 0.3958** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.2617, 0.2568, 0.2518**, and the grayscale version is **42.3848, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8190, 0.3570, 0.3832**, and **20.0054, 0.3815, 0.4161** is the 20% darker color. If you saturate the color by 10%, you get **41.3982, 0.3839, 0.4158**, and if you desaturate by 10%, it is **45.2322, 0.3492, 0.3752**.

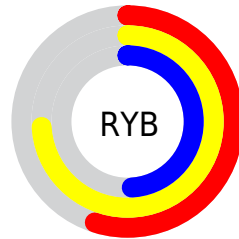
Distribution



Red (74%)

Green (69%)

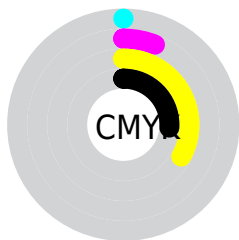
Blue (49%)



Red (55%)

Yellow (74%)

Blue (49%)

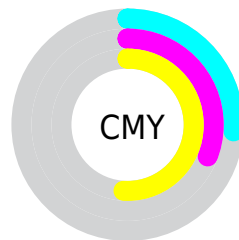


Cyan (0%)

Magenta (6%)

Yellow (33%)

Black (26%)



Cyan (26%)


Magenta (31%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2484, 0.3664, 0.3958 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 43.2484, 0.3664, 0.3958 by changing the saturation by 10% instead.


 43.2484, 0.3664,
0.3958


 43.2484, 0.3664,
0.3958


359.6323, 0.3397,
0.3620


 30.0801, 0.3729,
0.4042


 80.0856, 0.3568,
0.3835

 19.8994, 0.3811,
0.4149

 104.5232, 0.3531,
0.3789

 12.3219, 0.3917,
0.4290


 133.4860, 0.3500,
0.3750

 6.9633, 0.4056,
0.4480

167.3585, 0.3474,
0.3717

 3.4392, 0.4251,
0.4757

206.5249, 0.3451,
0.3688

 1.3651, 0.4663,
0.5337

251.3698, 0.3430,

 0.1908, 0.3450,

0.3662

0.6550

302.2775, 0.3413,
0.3640

0.0000, 0.0000,
0.0000

43.2484, 0.3664,
0.3958

43.2484, 0.3664,
0.3958

41.3982, 0.3839,
0.4158

45.2322, 0.3492,
0.3752

39.6703, 0.4012,
0.4341

47.3488, 0.3326,
0.3547

38.0607, 0.4174,
0.4500

49.6047, 0.3171,
0.3348

36.5629, 0.4319,
0.4623

52.0045, 0.3028,
0.3158

35.1692, 0.4439,
0.4704

54.5522, 0.2896,
0.2980

■ 33.8708, 0.4532,
0.4738

■ 57.2519, 0.2777,
0.2816

■ 33.0034, 0.4584,
0.4742

■ 59.9360, 0.2685,
0.2691

■ 61.6630, 0.2689,
0.2733

■ 63.4308, 0.2693,
0.2775

Harmonies

Analogous

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



43.2484, 0.3880, 0.3754



43.2484, 0.3664, 0.3958



43.2484, 0.3310, 0.3980

Triad

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



43.2484, 0.3664, 0.3958



43.2484, 0.2424, 0.3049



43.2484, 0.3304, 0.2865

Complementary

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



43.2484, 0.3664, 0.3958



26.2617, 0.2568, 0.2518

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.



43.2484, 0.2909, 0.2693



43.2484, 0.3664, 0.3958



43.2484, 0.2421, 0.2777

Square

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



43.2484, 0.3664, 0.3958



43.2484, 0.2601, 0.3423



43.2484, 0.2592, 0.2657



43.2484, 0.3670, 0.3135

Rectangle

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



43.2484, 0.3664, 0.3958



43.2484, 0.3047, 0.3869



43.2484, 0.2592, 0.2657



43.2484, 0.3170, 0.2794

Sweetspot

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



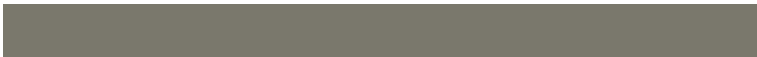
43.2504, 0.3664, 0.3958



86.9107, 0.3282, 0.3490



27.4697, 0.3727, 0.3119



18.5684, 0.3304, 0.3518



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



43.2504, 0.3664, 0.3958



75.7644, 0.3799, 0.4112



45.9660, 0.3449, 0.4149



10.7974, 0.3269, 0.3474



22.5683, 0.4578, 0.4747



0.9661, 0.4470, 0.4833

Inverse Universe

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



26.2617, 0.2568, 0.2518



40.0005, 0.2421, 0.2301



24.5455, 0.2719, 0.2371



9.5170, 0.2984, 0.3099



3.4351, 0.1556, 0.0803



0.2257, 0.1676, 0.1234

Previews

White Background



This preview shows how the Yxy color 43.2484, 0.3664, 0.3958 looks on a white background.

Color Contrast Check

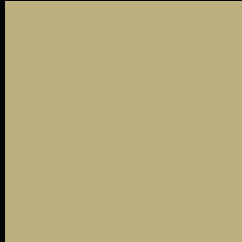
Large Text (above 18pt) WCAG AA × Fail

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 43.2484, 0.3664, 0.3958 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 43.2484, 0.3664, 0.3958

Background



This preview shows how black text looks on a background with the Yxy color 43.2484, 0.3664, 0.3958.



This preview shows how white text looks on a background with the Yxy color 43.2484, 0.3664, 0.3958.

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

43.2484, 0.3664, 0.3958

Protanopia

43.3758, 0.3674, 0.3956

Deuteranopia

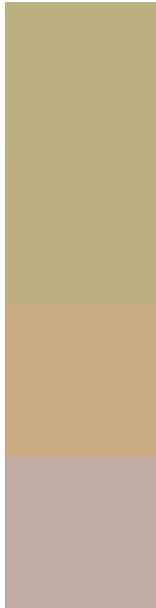
42.9737, 0.3876, 0.3793



Tritanopia

43.3554, 0.3253, 0.3125

Trichromacy



Original Color

43.2484, 0.3664, 0.3958

Protanomaly

43.3758, 0.3674, 0.3956

Deuteranomaly

43.0756, 0.3803, 0.3856

Tritanomaly

43.3202, 0.3397, 0.3422

Monochromacy



Original Color

43.2484, 0.3664, 0.3958

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.6780, 0.3314, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2484, 0.3664, 0.3958 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(188, 176, 126)` looks like.

```
.text, #text, p{  
    color:rgb(188, 176, 126)  
}
```

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(188, 176, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 176, 126) }
```

Border

The CSS property to change the border of an element to Yxy 43.2484, 0.3664, 0.3958 is called "border". The border property can be set on classes, ids or directly on the HTML element.

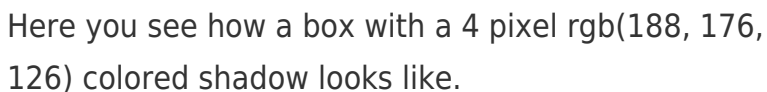
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 176, 126) }
```

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

```
.border{ border-color:rgb(188, 176, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 176, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 176, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 176, 126); box-shadow:4px 4px 4px 4px rgb(188, 176, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2484, 0.3664, 0.3958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 176, 126) }
```

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

```
.background{ background-color: rgb(188,  
176, 126) }
```

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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