

Converting Colors

$Yxy(44.8475, 0.3637, 0.3970)$

Have a look what the booklet for
Yxy(44.8475, 0.3637, 0.3970)
contains.

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Color

Yxy(45.0198, 0.3641, 0.3978)

Conversions

Conversions Part 1

Format	Color
Hex	BDB480
RGB	189, 180, 128
RGB Percent	74%, 71%, 50%
CMY	0.2588, 0.2941, 0.4980
CMYK	0.00, 0.05, 0.32, 0.26
HSL	51°, 32%, 62%
HSV	51°, 32%, 74%
XYZ	41.2059, 45.0198, 26.9462
YIQ	176.7630, 22.0560, -14.2640

Conversions

Conversions Part 2

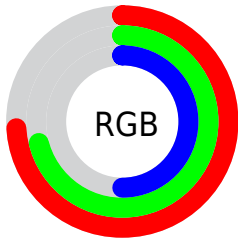
Format	Color
RYB	139, 189, 128
Decimal	12432512
CIELab	72.90, -4.79, 27.72
CIELCh	73, 28.128, 99.802
Yxy	45.0198, 0.3641, 0.3978
Android (android.graphics.Color)	4290622592 (0xFFBDB480)
YUV	176.7630, -24.0402, 10.7318
Hunter-Lab	67.0968, -7.7979, 23.1567

Details

The Yxy color **45.0198, 0.3641, 0.3978** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.1635, 0.2576, 0.2492**, and the grayscale version is **43.9575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9199, 0.3551, 0.3857**, and **20.8797, 0.3786, 0.4170** is the 20% darker color. If you saturate the color by 10%, you get **43.4540, 0.3808, 0.4187**, and if you desaturate by 10%, it is **46.7051, 0.3475, 0.3762**.

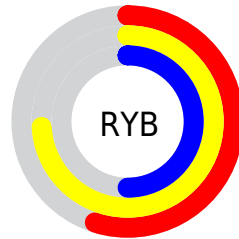
Distribution



Red (74%)

Green (71%)

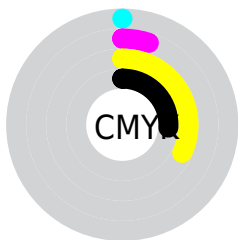
Blue (50%)



Red (55%)

Yellow (74%)

Blue (50%)

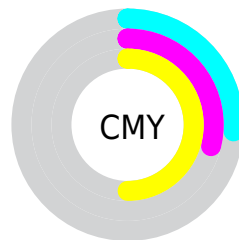


Cyan (0%)

Magenta (5%)

Yellow (32%)

Black (26%)



Cyan (26%)


Magenta (29%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0198, 0.3641, 0.3978 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 45.0198, 0.3641, 0.3978 by changing the saturation by 10% instead.


 45.0198, 0.3641,
0.3978

 45.0198, 0.3641,
0.3978

366.8537, 0.3388,
0.3631

 31.4730, 0.3702,
0.4064


 82.7501, 0.3550,
0.3852

 20.9593, 0.3778,
0.4174


 107.7025, 0.3516,
0.3805

 13.0943, 0.3876,
0.4317


 137.2254, 0.3487,
0.3765

 7.4935, 0.4002,
0.4512

171.7034, 0.3461,
0.3730

 3.7726, 0.4170,
0.4786

211.5209, 0.3439,
0.3701

 1.5472, 0.4580,
0.5420

257.0622, 0.3420,

 0.3216, 0.3699,

0.3675

0.6301

308.7116, 0.3403,
0.3652

0.0000, 0.0000,
0.0000

45.0198, 0.3641,
0.3978

45.0198, 0.3641,
0.3978

43.4540, 0.3808,
0.4187

46.7051, 0.3475,
0.3762

41.9963, 0.3970,
0.4380

48.5087, 0.3313,
0.3546

40.6428, 0.4119,
0.4547


50.4371, 0.3160,
0.3336


39.3873, 0.4250,
0.4679

52.4946, 0.3018,
0.3137


38.2222, 0.4356,
0.4769


54.6854, 0.2887,
0.2949


 37.1388, 0.4434,
0.4813

 57.0131, 0.2767,
0.2776

 36.3440, 0.4480,
0.4825

 59.1340, 0.2689,
0.2668

 60.4346, 0.2692,
0.2701

 61.7589, 0.2695,
0.2733

Harmonies

Analogous

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



45.0198, 0.3878, 0.3785



45.0198, 0.3641, 0.3978



45.0198, 0.3274, 0.3979

Triad

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



45.0198, 0.3641, 0.3978



45.0198, 0.2407, 0.3014



45.0198, 0.3345, 0.2882

Complementary

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



45.0198, 0.3641, 0.3978



26.1635, 0.2576, 0.2492

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.



45.0198, 0.2942, 0.2697



45.0198, 0.3641, 0.3978



45.0198, 0.2422, 0.2752

Square

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



45.0198, 0.3641, 0.3978



45.0198, 0.2570, 0.3387



45.0198, 0.2610, 0.2646



45.0198, 0.3707, 0.3163

Rectangle

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



45.0198, 0.3641, 0.3978



45.0198, 0.3009, 0.3853



45.0198, 0.2610, 0.2646



45.0198, 0.3209, 0.2807

Sweetspot

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



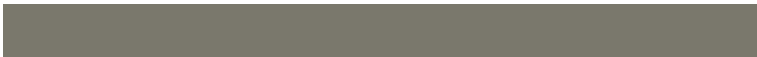
45.0218, 0.3641, 0.3978



87.5812, 0.3280, 0.3501



28.0741, 0.3747, 0.3165



18.7321, 0.3302, 0.3531



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.



45.0218, 0.3641, 0.3978



78.5428, 0.3764, 0.4133



46.2447, 0.3416, 0.4138



10.8739, 0.3268, 0.3484



24.5392, 0.4476, 0.4828



1.0276, 0.4398, 0.4890

Inverse Universe

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



26.1635, 0.2576, 0.2492



39.3463, 0.2432, 0.2274



25.5419, 0.2759, 0.2400



9.4467, 0.2984, 0.3088



3.0986, 0.1537, 0.0734



0.1949, 0.1638, 0.1097

Previews

White Background



This preview shows how the Yxy color 45.0198, 0.3641, 0.3978 looks on a white background.

Color Contrast Check

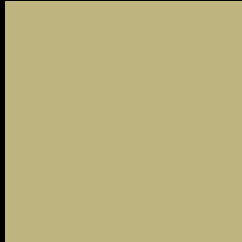
Large Text (above 18pt) WCAG AA × Fail

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 45.0198, 0.3641, 0.3978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

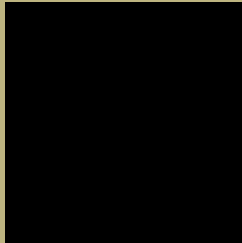
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.0198, 0.3641, 0.3978

Background



This preview shows how black text looks on a background with the Yxy color 45.0198, 0.3641, 0.3978.



This preview shows how white text looks on a background with the Yxy color 45.0198, 0.3641, 0.3978.

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

45.0198, 0.3641, 0.3978

Protanopia

45.1100, 0.3691, 0.3970

Deuteranopia

44.7346, 0.3882, 0.3797



Tritanopia

45.1681, 0.3224, 0.3127

Trichromacy



Original Color

45.0198, 0.3641, 0.3978

Protanomaly

44.9790, 0.3682, 0.3972

Deuteranomaly

44.6945, 0.3801, 0.3861

Tritanomaly

45.1047, 0.3373, 0.3433

Monochromacy



Original Color

45.0198, 0.3641, 0.3978

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.1677, 0.3311, 0.3546

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0198, 0.3641, 0.3978 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(189, 180, 128)` looks like.

```
.text, #text, p{  
    color:rgb(189, 180, 128)  
}
```

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(189, 180, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 180, 128) }
```

Border

The CSS property to change the border of an element to Yxy 45.0198, 0.3641, 0.3978 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(189, 180, 128) }
```

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

```
.border{ border-color:rgb(189, 180, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 180, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 180, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 180, 128); box-shadow:4px 4px 4px 4px rgb(189, 180, 128) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0198, 0.3641, 0.3978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 180, 128) }
```

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

```
.background{ background-color: rgb(189,  
180, 128) }
```

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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