

Converting Colors

$Yxy(45.4418, 0.3679, 0.4006)$

Have a look what the booklet for
Yxy(45.4418, 0.3679, 0.4006)
contains.

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Color

Yxy(45.2252, 0.3677, 0.4000)

Conversions

Conversions Part 1

Format	Color
Hex	BFB47E
RGB	191, 180, 126
RGB Percent	75%, 71%, 49%
CMY	0.2509, 0.2941, 0.5060
CMYK	0.00, 0.06, 0.34, 0.25
HSL	50°, 34%, 62%
HSV	50°, 34%, 75%
XYZ	41.5733, 45.2252, 26.2645
YIQ	177.1330, 23.8900, -14.4620

Conversions

Conversions Part 2

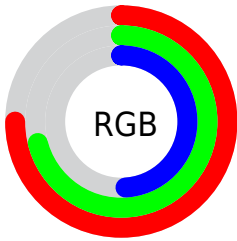
Format	Color
RYB	139, 191, 126
Decimal	12563582
CIELab	73.04, -4.25, 29.02
CIELCh	73, 29.327, 98.330
Yxy	45.2252, 0.3677, 0.4000
Android (android.graphics.Color)	4290753662 (0xFFBFB47E)
YUV	177.1330, -25.2086, 12.1614
Hunter-Lab	67.2497, -7.3395, 23.9189

Details

The Yxy color $45.2252, 0.3677, 0.4000$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $26.0789, 0.2544, 0.2462$, and the grayscale version is $44.1658, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.2020, 0.3579, 0.3875$, and $21.0189, 0.3834, 0.4194$ is the 20% darker color. If you saturate the color by 10%, you get $43.4904, 0.3848, 0.4203$, and if you desaturate by 10%, it is $47.0887, 0.3507, 0.3789$.

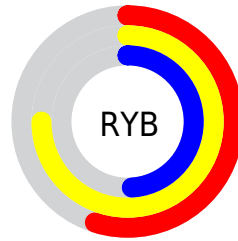
Distribution



Red (75%)

Green (71%)

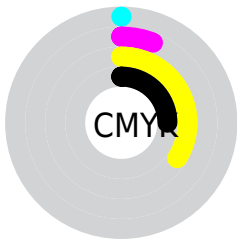
Blue (49%)



Red (55%)

Yellow (75%)

Blue (49%)

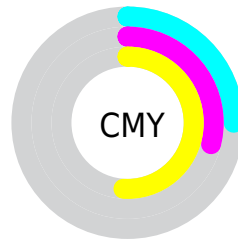


Cyan (0%)

Magenta (6%)

Yellow (34%)

Black (25%)



Cyan (25%)


Magenta (29%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2252, 0.3677, 0.4000 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 45.2252, 0.3677, 0.4000 by changing the saturation by 10% instead.

 45.2252, 0.3677,
0.4000

 45.2252, 0.3677,
0.4000


367.6849, 0.3406,
0.3644

 31.6348, 0.3742,
0.4088


 83.0582, 0.3580,
0.3871

 21.0827, 0.3823,
0.4200


 108.0697, 0.3543,
0.3822

 13.1845, 0.3926,
0.4345


 137.6570, 0.3512,
0.3781

 7.5557, 0.4060,
0.4540

172.2046, 0.3485,
0.3746

 3.8120, 0.4239,
0.4816

212.0967, 0.3461,
0.3715

 1.5690, 0.4615,
0.5385

257.7179, 0.3441,

 0.3365, 0.3911,

0.3688

0.6089

309.4525, 0.3422,
0.3665

0.0000, 0.0000,
0.0000

45.2252, 0.3677,
0.4000

45.2252, 0.3677,
0.4000

43.4904, 0.3848,
0.4203

47.0887, 0.3507,
0.3789

41.8725, 0.4013,
0.4389

49.0799, 0.3343,
0.3577

40.3676, 0.4166,
0.4547

51.2056, 0.3187,
0.3371

38.9686, 0.4300,
0.4669

53.4704, 0.3042,
0.3174

37.6678, 0.4409,
0.4748

55.8785, 0.2909,
0.2990

■ 36.4558, 0.4489,
0.4781

■ 58.4340, 0.2788,
0.2818

■ 35.7662, 0.4528,
0.4787

■ 60.8360, 0.2705,
0.2706

■ 62.3752, 0.2708,
0.2744

■ 63.9463, 0.2712,
0.2781

Harmonies

Analogous

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



45.2252, 0.3915, 0.3789



45.2252, 0.3677, 0.4000



45.2252, 0.3299, 0.4015

Triad

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



45.2252, 0.3677, 0.4000



45.2252, 0.2383, 0.3018



45.2252, 0.3333, 0.2854

Complementary

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



45.2252, 0.3677, 0.4000



26.0789, 0.2544, 0.2462

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.



45.2252, 0.2914, 0.2668



45.2252, 0.3677, 0.4000



45.2252, 0.2390, 0.2740

Square

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



45.2252, 0.3677, 0.4000



45.2252, 0.2560, 0.3410



45.2252, 0.2577, 0.2623



45.2252, 0.3715, 0.3141

Rectangle

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



45.2252, 0.3677, 0.4000



45.2252, 0.3023, 0.3891



45.2252, 0.2577, 0.2623



45.2252, 0.3191, 0.2779

Sweetspot

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



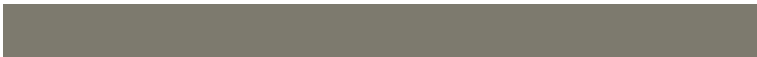
45.2273, 0.3677, 0.4000



89.3442, 0.3281, 0.3496



27.8225, 0.3769, 0.3128



19.5016, 0.3303, 0.3526



97.7402, 0.3127, 0.3290



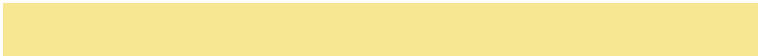
20.4902, 0.3127, 0.3290

Same Dimension

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



45.2273, 0.3677, 0.4000



78.6091, 0.3807, 0.4156



47.3644, 0.3450, 0.4183



10.8382, 0.3268, 0.3479



23.6044, 0.4523, 0.4791



0.9985, 0.4431, 0.4864

Inverse Universe

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



26.0789, 0.2544, 0.2462



39.0719, 0.2396, 0.2239



24.8377, 0.2713, 0.2338



9.4794, 0.2984, 0.3093



3.2448, 0.1546, 0.0764



0.2093, 0.1656, 0.1162

Previews

White Background



This preview shows how the Yxy color 45.2252, 0.3677, 0.4000 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 45.2252, 0.3677, 0.4000 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 45.2252, 0.3677, 0.4000

Background



This preview shows how black text looks on a background with the Yxy color 45.2252, 0.3677, 0.4000.



This preview shows how white text looks on a background with the Yxy color 45.2252, 0.3677, 0.4000.

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

45.2252, 0.3677, 0.4000

Protanopia

45.2159, 0.3709, 0.3980

Deuteranopia

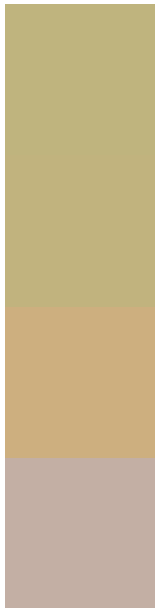
45.2097, 0.3905, 0.3831



Tritanopia

45.0560, 0.3243, 0.3115

Trichromacy



Original Color

45.2252, 0.3677, 0.4000

Protanomaly

45.0840, 0.3700, 0.3983

Deuteranomaly

45.1714, 0.3823, 0.3895

Tritanomaly

44.9424, 0.3402, 0.3433

Monochromacy



Original Color

45.2252, 0.3677, 0.4000

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.2545, 0.3328, 0.3559

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2252, 0.3677, 0.4000 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(191, 180, 126)` looks like.

```
.text, #text, p{  
    color:rgb(191, 180, 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(191, 180, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 180, 126) }
```

Border

The CSS property to change the border of an element to Yxy 45.2252, 0.3677, 0.4000 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(191, 180, 126) }
```

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

```
.border{ border-color:rgb(191, 180, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 180, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 180, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 180, 126);  
box-shadow:4px 4px 4px 4px rgb(191, 180,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2252, 0.3677, 0.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 180, 126) }
```

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

```
.background{ background-color: rgb(191,  
180, 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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