

Converting Colors

$Y_{xy}(45.4080, 0.3416, 0.3718)$

Have a look what the booklet for
Yxy(45.4080, 0.3416, 0.3718)
contains.

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Color

Yxy(45.4080, 0.3416, 0.3718)

Conversions

Conversions Part 1

Format	Color
Hex	B8B595
RGB	184, 181, 149
RGB Percent	72%, 71%, 58%
CMY	0.2784, 0.2902, 0.4157
CMYK	0.00, 0.02, 0.19, 0.28
HSL	55°, 20%, 65%
HSV	55°, 19%, 72%
XYZ	41.7197, 45.4080, 35.0025
YIQ	178.2490, 12.0600, -9.3160

Conversions

Conversions Part 2

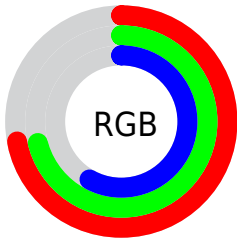
Format	Color
RYB	152, 184, 149
Decimal	12105109
CIELab	73.16, -4.32, 16.72
CIELCh	73, 17.266, 104.491
Yxy	45.4080, 0.3416, 0.3718
Android (android.graphics.Color)	4290295189 (0xFFB8B595)
YUV	178.2490, -14.4198, 5.0436
Hunter-Lab	67.3855, -7.4117, 16.3724

Details

The Yxy color **45.4080, 0.3416, 0.3718** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.3180, 0.2820, 0.2823**, and the grayscale version is **44.7351, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4054, 0.3363, 0.3643**, and **21.1455, 0.3503, 0.3841** is the 20% darker color. If you saturate the color by 10%, you get **44.2257, 0.3574, 0.3948**, and if you desaturate by 10%, it is **46.6945, 0.3261, 0.3490**.

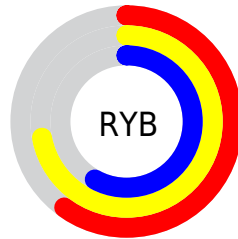
Distribution



Red (72%)

Green (71%)

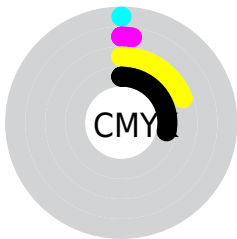
Blue (58%)



Red (60%)

Yellow (72%)

Blue (58%)

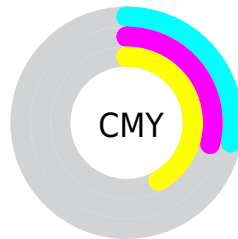


Cyan (0%)

Magenta (2%)

Yellow (19%)

Black (28%)



Cyan (28%)


Magenta (29%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.4080, 0.3416, 0.3718 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 45.4080, 0.3416, 0.3718 by changing the saturation by 10% instead.


 45.4080, 0.3416,
0.3718


 45.4080, 0.3416,
0.3718


368.4235, 0.3272,
0.3501

 31.7789, 0.3451,
0.3773


 83.3323, 0.3364,
0.3639

 21.1927, 0.3497,
0.3843


 108.3963, 0.3345,
0.3609

 13.2649, 0.3556,
0.3938

138.0408, 0.3328,
0.3584

 7.6112, 0.3637,
0.4070

172.6501, 0.3314,
0.3563

 3.8472, 0.3753,
0.4268

212.6086, 0.3301,
0.3544

 1.5885, 0.4039,
0.4720

258.3008, 0.3290,

 0.3498, 0.3936,

0.3528

0.6064

310.1109, 0.3281,
0.3514

0.0000, 0.0000,
0.0000

45.4080, 0.3416,
0.3718

45.4080, 0.3416,
0.3718

44.2257, 0.3574,
0.3948

46.6945, 0.3261,
0.3490

43.1373, 0.3732,
0.4171

48.0834, 0.3113,
0.3269

42.1401, 0.3883,
0.4380

49.5804, 0.2974,
0.3059

41.2288, 0.4021,
0.4565

51.1892, 0.2846,
0.2863

40.3978, 0.4140,
0.4716

52.9133, 0.2728,
0.2681

■ 39.6405, 0.4235,
0.4827

■ 54.4679, 0.2646,
0.2558

■ 38.9495, 0.4304,
0.4894

■ 55.1621, 0.2648,
0.2576

■ 38.3109, 0.4349,
0.4923

■ 55.8637, 0.2650,
0.2595

■ 38.2498, 0.4353,
0.4926

■ 56.5730, 0.2652,
0.2613

Harmonies

Analogous

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



45.4080, 0.3573, 0.3627



45.4080, 0.3416, 0.3718



45.4080, 0.3185, 0.3689

Triad

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



45.4080, 0.3416, 0.3718



45.4080, 0.2670, 0.3097



45.4080, 0.3301, 0.3059

Complementary

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



45.4080, 0.3416, 0.3718



32.3180, 0.2820, 0.2823

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.



45.4080, 0.3054, 0.2928



45.4080, 0.3416, 0.3718



45.4080, 0.2697, 0.2942

Square

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



45.4080, 0.3416, 0.3718



45.4080, 0.2759, 0.3317



45.4080, 0.2835, 0.2884



45.4080, 0.3507, 0.3247

Rectangle

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



45.4080, 0.3416, 0.3718



45.4080, 0.3022, 0.3600



45.4080, 0.2835, 0.2884



45.4080, 0.3220, 0.3007

Sweetspot

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



45.4100, 0.3416, 0.3718



85.3431, 0.3217, 0.3424



33.9741, 0.3458, 0.3243



18.3639, 0.3227, 0.3439



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



45.4100, 0.3416, 0.3718



81.3412, 0.3485, 0.3818



45.0070, 0.3284, 0.3775



10.3672, 0.3266, 0.3497



26.4070, 0.4351, 0.4928



0.9701, 0.4306, 0.4963

Inverse Universe

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



32.3180, 0.2820, 0.2823



53.0700, 0.2740, 0.2700



32.7470, 0.2947, 0.2796



8.8407, 0.2984, 0.3074



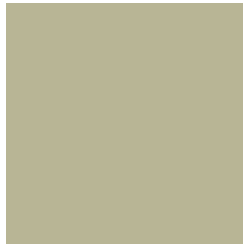
2.6839, 0.1519, 0.0667



0.1366, 0.1588, 0.0918

Previews

White Background



This preview shows how the Yxy color 45.4080, 0.3416, 0.3718 looks on a white background.

Color Contrast Check

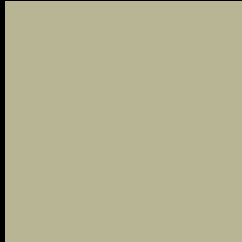
Large Text (above 18pt) WCAG AA × Fail

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 45.4080, 0.3416, 0.3718 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

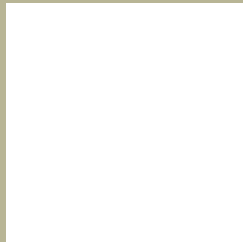
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.4080, 0.3416, 0.3718

Background



This preview shows how black text looks on a background with the Yxy color 45.4080, 0.3416, 0.3718.



This preview shows how white text looks on a background with the Yxy color 45.4080, 0.3416, 0.3718.

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

45.4080, 0.3416, 0.3718

Protanopia

45.3255, 0.3485, 0.3699

Deuteranopia

45.3869, 0.3636, 0.3567



Tritanopia

45.1529, 0.3136, 0.3112

Trichromacy



Original Color

45.4080, 0.3416, 0.3718

Protanomaly

45.4720, 0.3463, 0.3714

Deuteranomaly

45.3948, 0.3560, 0.3624

Tritanomaly

45.0651, 0.3240, 0.3329

Monochromacy



Original Color

45.4080, 0.3416, 0.3718

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.7335, 0.3233, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4080, 0.3416, 0.3718 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(184, 181, 149)` looks like.

```
.text, #text, p{  
    color:rgb(184, 181, 149)  
}
```

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(184, 181, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 181, 149) }
```

Border

The CSS property to change the border of an element to Yxy 45.4080, 0.3416, 0.3718 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(184, 181, 149) }
```

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

```
.border{ border-color:rgb(184, 181, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 181, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 181, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 181, 149);  
box-shadow:4px 4px 4px 4px rgb(184, 181,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4080, 0.3416, 0.3718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 181, 149) }
```

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

```
.background{ background-color: rgb(184,  
181, 149) }
```

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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