

Converting Colors

$Yxy(45.2055, 0.3374, 0.4202)$

Have a look what the booklet for
Yxy(45.2055, 0.3374, 0.4202)
contains.

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Color

Yxy(45.3494, 0.3371, 0.4200)

Conversions

Conversions Part 1

Format	Color
Hex	A0BD7D
RGB	160, 189, 125
RGB Percent	63%, 74%, 49%
CMY	0.3725, 0.2588, 0.5099
CMYK	0.15, 0.00, 0.34, 0.26
HSL	87°, 33%, 62%
HSV	87°, 34%, 74%
XYZ	36.3983, 45.3494, 26.2271
YIQ	173.0330, 3.2600, -26.0520

Conversions

Conversions Part 2

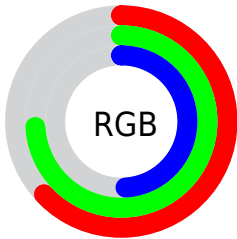
Format	Color
RYB	125, 189, 154
Decimal	10534269
CIELab	73.12, -21.05, 29.22
CIELCh	73, 36.011, 125.773
Yxy	45.3494, 0.3371, 0.4200
Android (android.graphics.Color)	4288724349 (0xFFA0BD7D)
YUV	173.0330, -23.6803, -11.4299
Hunter-Lab	67.3420, -21.3693, 24.0482

Details

The Yxy color **45.3494, 0.3371, 0.4200** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **25.1995, 0.2802, 0.2367**, and the grayscale version is **41.9303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9662, 0.3332, 0.4024**, and **21.2421, 0.3413, 0.4492** is the 20% darker color. If you saturate the color by 10%, you get **44.0619, 0.3430, 0.4491**, and if you desaturate by 10%, it is **46.7935, 0.3303, 0.3913**.

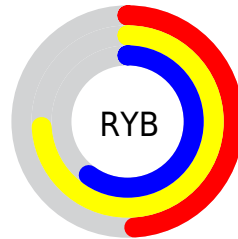
Distribution



Red (63%)

Green (74%)

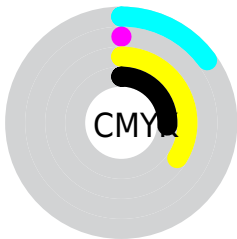
Blue (49%)



Red (49%)

Yellow (74%)

Blue (60%)

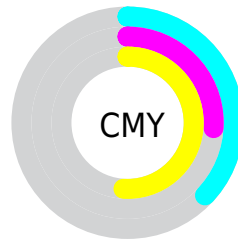


Cyan (15%)

Magenta (0%)

Yellow (34%)

Black (26%)



Cyan (37%)

Magenta (26%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.3494, 0.3371, 0.4200 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 45.3494, 0.3371, 0.4200 by changing the saturation by 10% instead.

■ 45.3494, 0.3371,
0.4200

■ 45.3494, 0.3371,
0.4200

368.1868, 0.3261,
0.3727

■ 31.7327, 0.3394,
0.4323

■ 83.2445, 0.3334,
0.4025

■ 21.1574, 0.3419,
0.4482

■ 108.2917, 0.3319,
0.3960

■ 13.2391, 0.3447,
0.4697

■ 137.9178, 0.3306,
0.3905

■ 7.5934, 0.3471,
0.4999

172.5073, 0.3295,
0.3859

■ 3.8359, 0.3479,
0.5461

212.4446, 0.3285,
0.3819

■ 1.5822, 0.3540,
0.6460

258.1140, 0.3276,

■ 0.3456, 0.0000,

0.3785

1.0000

309.8999, 0.3268,
0.3754

0.0000, 0.0000,
0.0000

45.3494, 0.3371,
0.4200

45.3494, 0.3371,
0.4200

44.0619, 0.3430,
0.4491

46.7935, 0.3303,
0.3913

42.9185, 0.3477,
0.4777

48.3941, 0.3230,
0.3640

41.9143, 0.3506,
0.5043


50.1589, 0.3156,
0.3384

41.0414, 0.3513,
0.5275


52.0933, 0.3082,
0.3148

40.2912, 0.3498,
0.5461


54.2022, 0.3011,
0.2935

 39.6532, 0.3461,
0.5594

 56.4904, 0.2944,
0.2742

 39.3065, 0.3432,
0.5657

 58.8154, 0.2895,
0.2590

 60.1836, 0.2958,
0.2603

 61.6211, 0.3022,
0.2616

Harmonies

Analogous

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



45.3494, 0.3826, 0.4141



45.3494, 0.3371, 0.4200



45.3494, 0.2872, 0.3951

Triad

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



45.3494, 0.3371, 0.4200



45.3494, 0.2228, 0.2637



45.3494, 0.3815, 0.3072

Complementary

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



45.3494, 0.3371, 0.4200



25.1995, 0.2802, 0.2367

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.



45.3494, 0.3331, 0.2740



45.3494, 0.3371, 0.4200



45.3494, 0.2432, 0.2488

Square

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



45.3494, 0.3371, 0.4200



45.3494, 0.2238, 0.2985



45.3494, 0.2823, 0.2531



45.3494, 0.4106, 0.3467

Rectangle

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



45.3494, 0.3371, 0.4200



45.3494, 0.2583, 0.3648



45.3494, 0.2823, 0.2531



45.3494, 0.3667, 0.2951

Sweetspot

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



45.3514, 0.3371, 0.4200



87.8134, 0.3203, 0.3542



35.3392, 0.3777, 0.3687



18.7902, 0.3213, 0.3579



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.



45.3514, 0.3371, 0.4200



79.4043, 0.3418, 0.4427



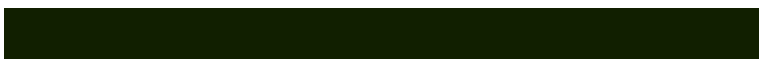
42.4781, 0.3105, 0.4279



10.9000, 0.3197, 0.3521



26.4924, 0.3441, 0.5650



1.0761, 0.3617, 0.5510

Inverse Universe

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



25.1995, 0.2802, 0.2367



37.5866, 0.2706, 0.2133



28.7484, 0.3132, 0.2452



9.4311, 0.3053, 0.3058



3.8326, 0.1946, 0.0846



0.1890, 0.2223, 0.0998

Previews

White Background



This preview shows how the Yxy color 45.3494, 0.3371, 0.4200 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 45.3494, 0.3371, 0.4200 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 45.3494, 0.3371, 0.4200

Background



This preview shows how black text looks on a background with the Yxy color 45.3494, 0.3371, 0.4200.



This preview shows how white text looks on a background with the Yxy color 45.3494, 0.3371, 0.4200.

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

45.3494, 0.3371, 0.4200

Protanopia

45.0900, 0.3751, 0.4044

Deuteranopia

45.2362, 0.3896, 0.3819



Tritanopia

45.1287, 0.2929, 0.3092

Trichromacy



Original Color

45.3494, 0.3371, 0.4200

Protanomaly

45.2172, 0.3612, 0.4111

Deuteranomaly

44.8686, 0.3696, 0.3943

Tritanomaly

44.8762, 0.3085, 0.3469

Monochromacy



Original Color

45.3494, 0.3371, 0.4200

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.9653, 0.3217, 0.3612

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3494, 0.3371, 0.4200 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(160, 189, 125)` looks like.

```
.text, #text, p{  
    color:rgb(160, 189, 125)  
}
```

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(160, 189, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 189, 125) }
```

Border

The CSS property to change the border of an element to Yxy 45.3494, 0.3371, 0.4200 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(160, 189, 125) }
```

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

```
.border{ border-color:rgb(160, 189, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 189, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 189, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 189, 125); box-shadow:4px 4px 4px 4px rgb(160, 189, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3494, 0.3371, 0.4200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 189, 125) }
```

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

```
.background{ background-color: rgb(160,  
189, 125) }
```

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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