

Converting Colors

$Y_{xy}(45.3343, 0.3292, 0.3747)$

Have a look what the booklet for
Yxy(45.3343, 0.3292, 0.3747)
contains.

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Color

Yxy(45.3996, 0.3294, 0.3743)

Conversions

Conversions Part 1

Format	Color
Hex	ADB897
RGB	173, 184, 151
RGB Percent	68%, 72%, 59%
CMY	0.3217, 0.2784, 0.4078
CMYK	0.06, 0.00, 0.18, 0.28
HSL	80°, 19%, 66%
HSV	80°, 18%, 72%
XYZ	39.9536, 45.3996, 35.9388
YIQ	176.9490, 4.0370, -12.5950

Conversions

Conversions Part 2

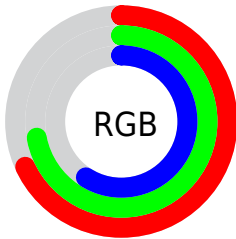
Format	Color
RYB	151, 184, 162
Decimal	11384983
CIELab	73.15, -9.74, 15.50
CIElCh	73, 18.301, 122.141
Yxy	45.3996, 0.3294, 0.3743
Android (android.graphics.Color)	4289575063 (0xFFADB897)
YUV	176.9490, -12.7929, -3.4633
Hunter-Lab	67.3792, -12.0692, 15.5413

Details

The Yxy color $45.3996, 0.3294, 0.3743$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $33.2860, 0.2938, 0.2824$, and the grayscale version is $44.0031, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.3860, 0.3270, 0.3660$, and $21.1458, 0.3333, 0.3881$ is the 20% darker color. If you saturate the color by 10%, you get $44.1631, 0.3385, 0.4014$, and if you desaturate by 10%, it is $46.7658, 0.3201, 0.3484$.

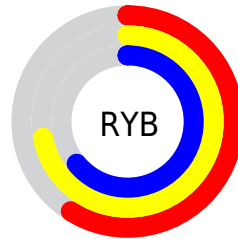
Distribution



Red (68%)

Green (72%)

Blue (59%)



Red (59%)

Yellow (72%)

Blue (64%)

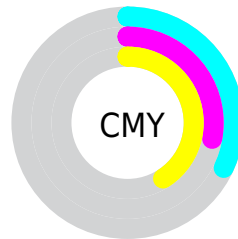


Cyan (6%)

Magenta (0%)

Yellow (18%)

Black (28%)



Cyan (32%)


Magenta (28%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.3996, 0.3294, 0.3743 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 45.3996, 0.3294, 0.3743 by changing the saturation by 10% instead.


 45.3996, 0.3294,
0.3743


 45.3996, 0.3294,
0.3743


368.3895, 0.3213,
0.3511

 31.7723, 0.3314,
0.3802


 83.3197, 0.3265,
0.3658

 21.1876, 0.3338,
0.3880


 108.3813, 0.3254,
0.3626

 13.2612, 0.3370,
0.3984


138.0232, 0.3245,
0.3599

 7.6087, 0.3411,
0.4133

172.6296, 0.3236,
0.3576

 3.8456, 0.3468,
0.4361

212.5851, 0.3229,
0.3557

 1.5876, 0.3618,
0.4848

258.2740, 0.3223,

 0.3492, 0.2125,

0.3540

0.7875

310.0807, 0.3218,
0.3525

0.0000, 0.0000,
0.0000

45.3996, 0.3294,
0.3743

45.3996, 0.3294,
0.3743

44.1631, 0.3385,
0.4014

46.7658, 0.3201,
0.3484

43.0456, 0.3471,
0.4291

48.2603, 0.3108,
0.3241

42.0441, 0.3546,
0.4564

49.8891, 0.3019,
0.3018

41.1529, 0.3605,
0.4822

51.6564, 0.2934,
0.2813

40.3660, 0.3645,
0.5054

53.5660, 0.2854,
0.2628

■ 39.6766, 0.3661,
0.5247

■ 55.2011, 0.2820,
0.2521

■ 39.0767, 0.3653,
0.5393

■ 56.1231, 0.2865,
0.2531

■ 38.5542, 0.3622,
0.5493

■ 57.0804, 0.2911,
0.2541

■ 38.4520, 0.3615,
0.5512

■ 58.0733, 0.2957,
0.2551

Harmonies

Analogous

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



45.3996, 0.3515, 0.3717



45.3996, 0.3294, 0.3743



45.3996, 0.3035, 0.3633

Triad

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



45.3996, 0.3294, 0.3743



45.3996, 0.2645, 0.2977



45.3996, 0.3450, 0.3157

Complementary

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



45.3996, 0.3294, 0.3743



33.2860, 0.2938, 0.2824

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.



45.3996, 0.3205, 0.2979



45.3996, 0.3294, 0.3743



45.3996, 0.2745, 0.2873

Square

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



45.3996, 0.3294, 0.3743



45.3996, 0.2668, 0.3175



45.3996, 0.2947, 0.2876



45.3996, 0.3609, 0.3373

Rectangle

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



45.3996, 0.3294, 0.3743



45.3996, 0.2876, 0.3498



45.3996, 0.2947, 0.2876



45.3996, 0.3375, 0.3092

Sweetspot

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



45.4016, 0.3294, 0.3743



85.5083, 0.3174, 0.3413



38.2717, 0.3442, 0.3442



18.3940, 0.3181, 0.3430



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.



45.4016, 0.3294, 0.3743



81.2651, 0.3335, 0.3862



43.6411, 0.3151, 0.3763



10.3486, 0.3214, 0.3519



26.5359, 0.3622, 0.5506



0.9679, 0.3774, 0.5385

Inverse Universe

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



33.2860, 0.2938, 0.2824



54.7265, 0.2884, 0.2697



35.1236, 0.3094, 0.2845



8.8617, 0.3035, 0.3057



3.1181, 0.1760, 0.0743



0.1447, 0.2068, 0.0913

Previews

White Background



This preview shows how the Yxy color 45.3996, 0.3294, 0.3743 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 45.3996, 0.3294, 0.3743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

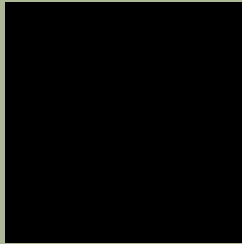
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.3996, 0.3294, 0.3743

Background



This preview shows how black text looks on a background with the Yxy color 45.3996, 0.3294, 0.3743.



This preview shows how white text looks on a background with the Yxy color 45.3996, 0.3294, 0.3743.

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

45.3996, 0.3294, 0.3743

Protanopia

45.3573, 0.3476, 0.3685

Deuteranopia

45.3089, 0.3608, 0.3542



Tritanopia

45.2303, 0.3025, 0.3108

Trichromacy



Original Color

45.3996, 0.3294, 0.3743

Protanomaly

45.4401, 0.3408, 0.3705

Deuteranomaly

45.1806, 0.3493, 0.3616

Tritanomaly

45.1640, 0.3125, 0.3330

Monochromacy



Original Color

45.3996, 0.3294, 0.3743

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.6998, 0.3189, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3996, 0.3294, 0.3743 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(173, 184, 151)` looks like.

```
.text, #text, p{  
    color:rgb(173, 184, 151)  
}
```

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(173, 184, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 184, 151) }
```

Border

The CSS property to change the border of an element to Yxy 45.3996, 0.3294, 0.3743 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(173, 184, 151) }
```

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

```
.border{ border-color:rgb(173, 184, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 184, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 184, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 184, 151);  
box-shadow:4px 4px 4px 4px rgb(173, 184,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3996, 0.3294, 0.3743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 184, 151) }
```

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

```
.background{ background-color: rgb(173,  
184, 151) }
```

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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