

Converting Colors

$Yxy(45.5442, 0.3396, 0.3984)$

Have a look what the booklet for
Yxy(45.5442, 0.3396, 0.3984)
contains.

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Color

Yxy(45.5533, 0.3392, 0.3982)

Conversions

Conversions Part 1

Format	Color
Hex	ABBA88
RGB	171, 186, 136
RGB Percent	67%, 73%, 53%
CMY	0.3293, 0.2706, 0.4667
CMYK	0.08, 0.00, 0.27, 0.27
HSL	78°, 27%, 63%
HSV	78°, 27%, 73%
XYZ	38.8038, 45.5533, 30.0409
YIQ	175.8150, 7.1100, -18.7300

Conversions

Conversions Part 2

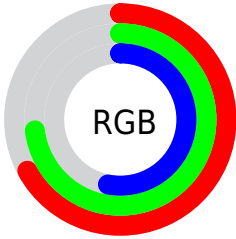
Format	Color
R _Y B	136, 186, 151
Decimal	11254408
CIE Lab	73.25, -13.80, 23.69
CIE LCh	73, 27.412, 120.220
Yxy	45.5533, 0.3392, 0.3982
Android (android.graphics.Color)	4289444488 (0xFFABBA88)
YUV	175.8150, -19.6288, -4.2228
Hunter-Lab	67.4932, -15.4882, 20.8555

Details

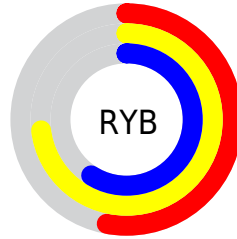
The Yxy color **45.5533, 0.3392, 0.3982** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.7298, 0.2808, 0.2559**, and the grayscale version is **43.4201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5529, 0.3347, 0.3845**, and **21.2985, 0.3451, 0.4190** is the 20% darker color. If you saturate the color by 10%, you get **44.4596, 0.3485, 0.4255**, and if you desaturate by 10%, it is **46.7691, 0.3294, 0.3714**.

Distribution



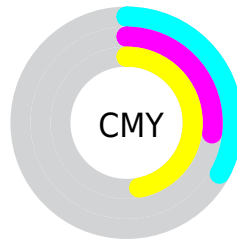
- Red (67%)
- Green (73%)
- Blue (53%)



- Red (53%)
- Yellow (73%)
- Blue (59%)



- Cyan (8%)
- Magenta (0%)
- Yellow (27%)
- Black (27%)





- Cyan (33%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5533, 0.3392, 0.3982 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 45.5533, 0.3392, 0.3982 by changing the saturation by 10% instead.


 45.5533, 0.3392,
0.3982


 45.5533, 0.3392,
0.3982


369.0098, 0.3265,
0.3626

 31.8935, 0.3421,
0.4073


 83.5501, 0.3348,
0.3851

 21.2801, 0.3457,
0.4192


 108.6558, 0.3330,
0.3802

 13.3289, 0.3501,
0.4351


 138.3456, 0.3316,
0.3761

 7.6554, 0.3556,
0.4576

173.0039, 0.3303,
0.3726

 3.8753, 0.3618,
0.4913

213.0151, 0.3292,
0.3696

 1.6040, 0.4017,
0.5983

258.7636, 0.3282,

 0.3603, 0.0155,

0.3670

0.9845

310.6337, 0.3273,
0.3647

0.0000, 0.0000,
0.0000

45.5533, 0.3392,
0.3982

45.5533, 0.3392,
0.3982

44.4596, 0.3485,
0.4255

46.7691, 0.3294,
0.3714

43.4768, 0.3567,
0.4524

48.1058, 0.3195,
0.3457

42.6016, 0.3635,
0.4779

49.5696, 0.3097,
0.3217

41.8279, 0.3683,
0.5006

51.1649, 0.3003,
0.2994

41.1489, 0.3707,
0.5196

52.8955, 0.2913,
0.2791

■ 40.5568, 0.3707,
0.5341

■ 54.7652, 0.2829,
0.2606

■ 40.0408, 0.3683,
0.5438

■ 56.0352, 0.2822,
0.2543

■ 39.8890, 0.3674,
0.5465

■ 56.8661, 0.2862,
0.2551

■ 57.7257, 0.2903,
0.2560

Harmonies

Analogous

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



45.5533, 0.3718, 0.3915



45.5533, 0.3392, 0.3982



45.5533, 0.3008, 0.3832

Triad

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



45.5533, 0.3392, 0.3982



45.5533, 0.2417, 0.2834



45.5533, 0.3590, 0.3072

Complementary

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



45.5533, 0.3392, 0.3982



27.7298, 0.2808, 0.2559

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.



45.5533, 0.3213, 0.2823



45.5533, 0.3392, 0.3982



45.5533, 0.2549, 0.2680

Square

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



45.5533, 0.3392, 0.3982



45.5533, 0.2459, 0.3131



45.5533, 0.2833, 0.2681



45.5533, 0.3843, 0.3380

Rectangle

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



45.5533, 0.3392, 0.3982



45.5533, 0.2771, 0.3627



45.5533, 0.2833, 0.2681



45.5533, 0.3472, 0.2980

Sweetspot

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



45.5553, 0.3392, 0.3982



86.8843, 0.3207, 0.3489



34.0824, 0.3646, 0.3488



19.0502, 0.3222, 0.3527



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.



45.5553, 0.3392, 0.3982



81.4292, 0.3445, 0.4136



43.0808, 0.3181, 0.4030



10.3649, 0.3219, 0.3519



26.8784, 0.3681, 0.5459



0.9780, 0.3818, 0.5350

Inverse Universe

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



27.7298, 0.2808, 0.2559



43.9201, 0.2726, 0.2385



30.2872, 0.3048, 0.2609



8.8462, 0.3030, 0.3057



2.9784, 0.1712, 0.0717



0.1382, 0.2014, 0.0883

Previews

White Background



This preview shows how the Yxy color 45.5533, 0.3392, 0.3982 looks on a white background.

Color Contrast Check

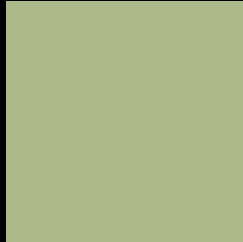
Large Text (above 18pt) WCAG AA × Fail

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 45.5533, 0.3392, 0.3982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

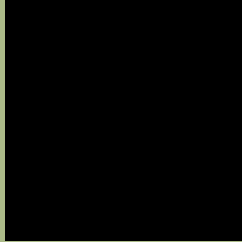
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.5533, 0.3392, 0.3982

Background



This preview shows how black text looks on a background with the Yxy color 45.5533, 0.3392, 0.3982.



This preview shows how white text looks on a background with the Yxy color 45.5533, 0.3392, 0.3982.

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

45.5533, 0.3392, 0.3982

Protanopia

45.2711, 0.3641, 0.3892

Deuteranopia

45.2180, 0.3787, 0.3700



Tritanopia

45.6742, 0.3017, 0.3108

Trichromacy



Original Color

45.5533, 0.3392, 0.3982

Protanomaly

45.4914, 0.3547, 0.3932

Deuteranomaly

45.0150, 0.3633, 0.3797

Tritanomaly

45.6646, 0.3155, 0.3424

Monochromacy



Original Color

45.5533, 0.3392, 0.3982

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.2144, 0.3228, 0.3550

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5533, 0.3392, 0.3982 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(171, 186, 136)` looks like.

```
.text, #text, p{  
    color:rgb(171, 186, 136)  
}
```

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(171, 186, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 186, 136) }
```

Border

The CSS property to change the border of an element to Yxy 45.5533, 0.3392, 0.3982 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(171, 186, 136) }
```

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

```
.border{ border-color:rgb(171, 186, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 186, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 186, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 186, 136);  
box-shadow:4px 4px 4px 4px rgb(171, 186,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5533, 0.3392, 0.3982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 186, 136) }
```

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

```
.background{ background-color: rgb(171,  
186, 136) }
```

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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