

Converting Colors

$Yxy(45.3681, 0.3282, 0.3885)$

Have a look what the booklet for
Yxy(45.3681, 0.3282, 0.3885)
contains.

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Color

Yxy(45.2384, 0.3285, 0.3878)

Conversions

Conversions Part 1

Format	Color
Hex	A6BA90
RGB	166, 186, 144
RGB Percent	65%, 73%, 56%
CMY	0.3490, 0.2706, 0.4353
CMYK	0.11, 0.00, 0.23, 0.27
HSL	89°, 23%, 65%
HSV	89°, 23%, 73%
XYZ	38.3208, 45.2384, 33.0947
YIQ	175.2320, 1.5620, -17.3020

Conversions

Conversions Part 2

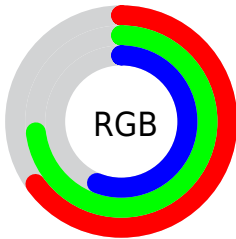
Format	Color
RYB	144, 186, 164
Decimal	10926736
CIELab	73.05, -14.45, 19.06
CIELCh	73, 23.921, 127.174
Yxy	45.2384, 0.3285, 0.3878
Android (android.graphics.Color)	4289116816 (0xFFA6BA90)
YUV	175.2320, -15.3974, -8.0965
Hunter-Lab	67.2595, -16.0045, 17.9083

Details

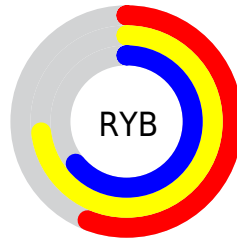
The Yxy color $45.2384, 0.3285, 0.3878$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $31.3802, 0.2937, 0.2700$, and the grayscale version is $43.0788, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.9536, 0.3256, 0.3764$, and $21.1428, 0.3329, 0.4068$ is the 20% darker color. If you saturate the color by 10%, you get $43.7939, 0.3350, 0.4165$, and if you desaturate by 10%, it is $46.8464, 0.3216, 0.3606$.

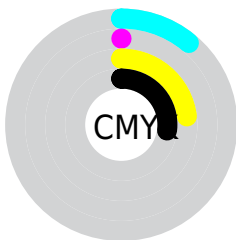
Distribution



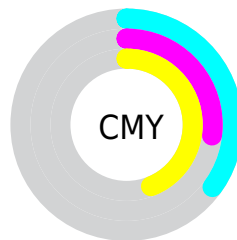
- Red (65%)
- Green (73%)
- Blue (56%)



- Red (56%)
- Yellow (73%)
- Blue (64%)



- Cyan (11%)
- Magenta (0%)
- Yellow (23%)
- Black (27%)





- Cyan (35%)
- Magenta (27%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2384, 0.3285, 0.3878 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 45.2384, 0.3285, 0.3878 by changing the saturation by 10% instead.

 45.2384, 0.3285,
0.3878


 45.2384, 0.3285,
0.3878


367.7382, 0.3210,
0.3575

 31.6452, 0.3302,
0.3957


 83.0780, 0.3259,
0.3766

 21.0907, 0.3323,
0.4059


 108.0933, 0.3249,
0.3724

 13.1903, 0.3348,
0.4198


137.6848, 0.3240,
0.3689

 7.5597, 0.3379,
0.4396

172.2368, 0.3233,
0.3660

 3.8145, 0.3413,
0.4701

212.1337, 0.3226,
0.3634

 1.5704, 0.3633,
0.5522

257.7600, 0.3220,

 0.3375, 0.0000,

0.3612

1.0000

309.5000, 0.3215,
0.3592

0.0000, 0.0000,
0.0000

45.2384, 0.3285,
0.3878

45.2384, 0.3285,
0.3878

43.7939, 0.3350,
0.4165

46.8464, 0.3216,
0.3606

42.5010, 0.3407,
0.4459

48.6174, 0.3145,
0.3352

41.3555, 0.3451,
0.4749

50.5588, 0.3076,
0.3120

40.3503, 0.3479,
0.5022

52.6755, 0.3008,
0.2910

39.4781, 0.3487,
0.5264

54.9722, 0.2945,
0.2721

■ 38.7302, 0.3472,
0.5460

■ 57.4152, 0.2888,
0.2557

■ 38.0968, 0.3435,
0.5604

■ 58.8254, 0.2954,
0.2571

■ 37.6878, 0.3399,
0.5683

■ 60.3096, 0.3020,
0.2585

■ 61.8689, 0.3087,
0.2599

Harmonies

Analogous

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



45.2384, 0.3590, 0.3866



45.2384, 0.3285, 0.3878



45.2384, 0.2949, 0.3705

Triad

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



45.2384, 0.3285, 0.3878



45.2384, 0.2515, 0.2848



45.2384, 0.3596, 0.3160

Complementary

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



45.2384, 0.3285, 0.3878



31.3802, 0.2937, 0.2700

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.



45.2384, 0.3284, 0.2922



45.2384, 0.3285, 0.3878



45.2384, 0.2666, 0.2741

Square

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



45.2384, 0.3285, 0.3878



45.2384, 0.2516, 0.3085



45.2384, 0.2943, 0.2771



45.2384, 0.3779, 0.3438

Rectangle

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



45.2384, 0.3285, 0.3878



45.2384, 0.2752, 0.3512



45.2384, 0.2943, 0.2771



45.2384, 0.3502, 0.3074

Sweetspot

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



45.2404, 0.3285, 0.3878



86.6288, 0.3177, 0.3464



38.8596, 0.3524, 0.3559



19.0344, 0.3182, 0.3480



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.



45.2404, 0.3285, 0.3878



80.6897, 0.3317, 0.4016



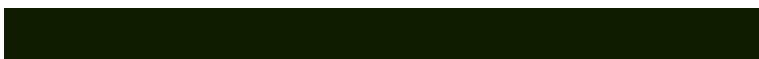
43.1872, 0.3109, 0.3911



10.2855, 0.3193, 0.3521



25.3998, 0.3408, 0.5676



0.9320, 0.3605, 0.5520

Inverse Universe

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



31.3802, 0.2937, 0.2700



51.2120, 0.2888, 0.2560



33.7546, 0.3139, 0.2735



8.9234, 0.3057, 0.3059



3.8410, 0.1990, 0.0870



0.1723, 0.2285, 0.1033

Previews

White Background



This preview shows how the Yxy color 45.2384, 0.3285, 0.3878 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 45.2384, 0.3285, 0.3878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

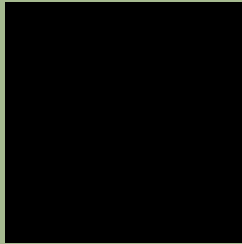
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.2384, 0.3285, 0.3878

Background



This preview shows how black text looks on a background with the Yxy color 45.2384, 0.3285, 0.3878.



This preview shows how white text looks on a background with the Yxy color 45.2384, 0.3285, 0.3878.

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

45.2384, 0.3285, 0.3878

Protanopia

45.2397, 0.3554, 0.3791

Deuteranopia

44.8770, 0.3675, 0.3605



Tritanopia

45.0195, 0.2960, 0.3093

Trichromacy



Original Color

45.2384, 0.3285, 0.3878

Protanomaly

45.3540, 0.3453, 0.3829

Deuteranomaly

44.7261, 0.3526, 0.3698

Tritanomaly

45.1365, 0.3073, 0.3371

Monochromacy



Original Color

45.2384, 0.3285, 0.3878

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.6912, 0.3187, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2384, 0.3285, 0.3878 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(166, 186, 144)` looks like.

```
.text, #text, p{  
    color:rgb(166, 186, 144)  
}
```

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(166, 186, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 186, 144) }
```

Border

The CSS property to change the border of an element to Yxy 45.2384, 0.3285, 0.3878 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(166, 186, 144) }
```

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

```
.border{ border-color:rgb(166, 186, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 186, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 186, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 186, 144);  
box-shadow:4px 4px 4px 4px rgb(166, 186,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2384, 0.3285, 0.3878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 186, 144) }
```

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

```
.background{ background-color: rgb(166,  
186, 144) }
```

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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