

Converting Colors

$Yxy(45.7465, 0.3457, 0.3846)$

Have a look what the booklet for
Yxy(45.7465, 0.3457, 0.3846)
contains.

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Color

Yxy(45.7651, 0.3451, 0.3842)

Conversions

Conversions Part 1

Format	Color
Hex	B6B78E
RGB	182, 183, 142
RGB Percent	71%, 72%, 56%
CMY	0.2862, 0.2823, 0.4433
CMYK	0.01, 0.00, 0.22, 0.28
HSL	61°, 22%, 64%
HSV	61°, 22%, 72%
XYZ	41.1076, 45.7651, 32.2452
YIQ	178.0270, 12.5650, -12.9630

Conversions

Conversions Part 2

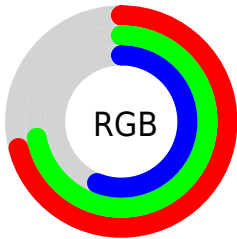
Format	Color
R_{YB}	142, 183, 143
Decimal	11974542
CIE Lab	73.39, -7.19, 20.81
CIE LCh	73, 22.023, 109.063
Yxy	45.7651, 0.3451, 0.3842
Android (android.graphics.Color)	4290164622 (0xFFB6B78E)
YUV	178.0270, -17.7613, 3.4843
Hunter-Lab	67.6499, -9.9215, 19.0945

Details

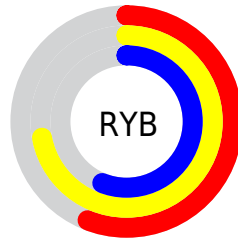
The Yxy color $45.7651, 0.3451, 0.3842$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $28.5918, 0.2763, 0.2675$, and the grayscale version is $44.6273, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.8957, 0.3391, 0.3739$, and $21.3877, 0.3548, 0.4010$ is the 20% darker color. If you saturate the color by 10%, you get $45.2082, 0.3595, 0.4090$, and if you desaturate by 10%, it is $46.4165, 0.3305, 0.3592$.

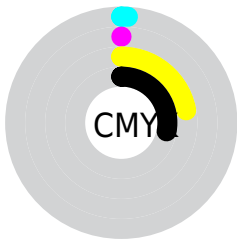
Distribution



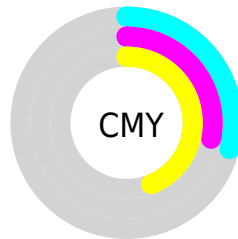
- Red (71%)
- Green (72%)
- Blue (56%)



- Red (56%)
- Yellow (72%)
- Blue (56%)



- Cyan (1%)
- Magenta (0%)
- Yellow (22%)
- Black (28%)





- Cyan (29%)
- Magenta (28%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.7651, 0.3451, 0.3842 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 45.7651, 0.3451, 0.3842 by changing the saturation by 10% instead.


 45.7651, 0.3451,
0.3842


 45.7651, 0.3451,
0.3842


369.8635, 0.3292,
0.3562


 32.0605, 0.3490,
0.3913


 83.8673, 0.3394,
0.3739

 21.4077, 0.3538,
0.4004


 109.0338, 0.3372,
0.3701

 13.4224, 0.3601,
0.4127

 138.7896, 0.3354,
0.3669

 7.7200, 0.3684,
0.4297

173.5192, 0.3338,
0.3641

 3.9163, 0.3798,
0.4550

213.6070, 0.3324,
0.3617

 1.6269, 0.4208,
0.5276

259.4374, 0.3312,

 0.3756, 0.3257,

0.3596

0.6743

311.3947, 0.3301,
0.3578

0.0000, 0.0000,
0.0000

45.7651, 0.3451,
0.3842

45.7651, 0.3451,
0.3842

45.2082, 0.3595,
0.4090

46.4165, 0.3305,
0.3592

44.7353, 0.3732,
0.4327

47.1603, 0.3161,
0.3348

44.3436, 0.3857,
0.4544

48.0025, 0.3023,
0.3114

44.0280, 0.3963,
0.4731

48.9467, 0.2893,
0.2894

43.7825, 0.4047,
0.4882

49.9964, 0.2772,
0.2689

■ 43.6005, 0.4105,
0.4990

■ 51.1548, 0.2660,
0.2502

■ 43.4739, 0.4138,
0.5056

■ 51.4159, 0.2644,
0.2471

■ 43.4027, 0.4151,
0.5086

■ 51.4710, 0.2647,
0.2472

■ 51.5263, 0.2650,
0.2472

Harmonies

Analogous

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



45.7651, 0.3672, 0.3740



45.7651, 0.3451, 0.3842



45.7651, 0.3150, 0.3783

Triad

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



45.7651, 0.3451, 0.3842



45.7651, 0.2547, 0.3004



45.7651, 0.3393, 0.3031

Complementary

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



45.7651, 0.3451, 0.3842



28.5918, 0.2763, 0.2675

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.



45.7651, 0.3080, 0.2855



45.7651, 0.3451, 0.3842



45.7651, 0.2603, 0.2829

Square

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



45.7651, 0.3451, 0.3842



45.7651, 0.2635, 0.3275



45.7651, 0.2793, 0.2780



45.7651, 0.3641, 0.3272

Rectangle

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



45.7651, 0.3451, 0.3842



45.7651, 0.2946, 0.3654



45.7651, 0.2793, 0.2780



45.7651, 0.3291, 0.2963

Sweetspot

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



45.7671, 0.3451, 0.3842



83.8131, 0.3228, 0.3462



31.5606, 0.3575, 0.3301



18.4942, 0.3237, 0.3476



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.



45.7671, 0.3451, 0.3842



81.4422, 0.3524, 0.3967



43.4812, 0.3269, 0.3876



10.4920, 0.3260, 0.3516



30.2817, 0.4152, 0.5085



1.0710, 0.4163, 0.5076

Inverse Universe

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



28.5918, 0.2763, 0.2675



45.1315, 0.2668, 0.2515



30.5603, 0.2955, 0.2708



8.7295, 0.2988, 0.3054



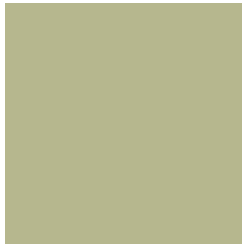
2.4093, 0.1509, 0.0605



0.0885, 0.1546, 0.0625

Previews

White Background



This preview shows how the Yxy color 45.7651, 0.3451, 0.3842 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 45.7651, 0.3451, 0.3842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

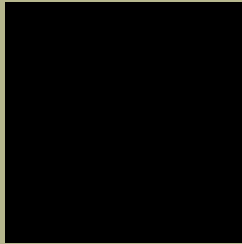
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

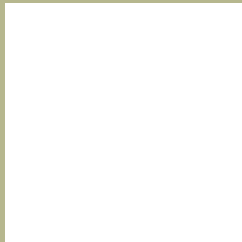
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.7651, 0.3451, 0.3842

Background



This preview shows how black text looks on a background with the Yxy color 45.7651, 0.3451, 0.3842.



This preview shows how white text looks on a background with the Yxy color 45.7651, 0.3451, 0.3842.

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

45.7651, 0.3451, 0.3842

Protanopia

45.7721, 0.3560, 0.3801

Deuteranopia

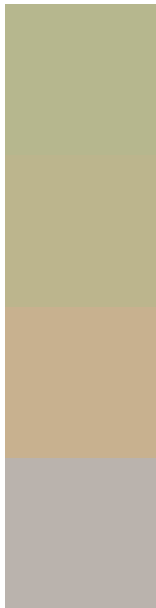
45.6024, 0.3728, 0.3651



Tritanopia

45.4597, 0.3118, 0.3111

Trichromacy



Original Color

45.7651, 0.3451, 0.3842

Protanomaly

45.6622, 0.3520, 0.3820

Deuteranomaly

45.7068, 0.3628, 0.3726

Tritanomaly

45.6964, 0.3237, 0.3369

Monochromacy



Original Color

45.7651, 0.3451, 0.3842

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.9428, 0.3240, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7651, 0.3451, 0.3842 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(182, 183, 142)` looks like.

```
.text, #text, p{  
    color:rgb(182, 183, 142)  
}
```

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(182, 183, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 183, 142) }
```

Border

The CSS property to change the border of an element to Yxy 45.7651, 0.3451, 0.3842 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(182, 183, 142) }
```

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

```
.border{ border-color:rgb(182, 183, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 183, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 183, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 183, 142);  
box-shadow:4px 4px 4px 4px rgb(182, 183,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7651, 0.3451, 0.3842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 183, 142) }
```

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

```
.background{ background-color: rgb(182,  
183, 142) }
```

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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