

Converting Colors

$Y_{xy}(44.6474, 0.3494, 0.3721)$

Have a look what the booklet for
Yxy(44.6474, 0.3494, 0.3721)
contains.

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Color

Yxy(44.6075, 0.3486, 0.3716)

Conversions

Conversions Part 1

Format	Color
Hex	BCB292
RGB	188, 178, 146
RGB Percent	74%, 70%, 57%
CMY	0.2627, 0.3019, 0.4276
CMYK	0.00, 0.05, 0.22, 0.26
HSL	46°, 24%, 65%
HSV	46°, 22%, 74%
XYZ	41.8465, 44.6075, 33.5877
YIQ	177.3420, 16.2320, -7.8320

Conversions

Conversions Part 2

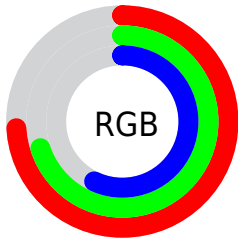
Format	Color
R_{YB}	159, 188, 146
Decimal	12366482
CIE _{Lab}	72.63, -1.66, 17.68
CIE _{LCh}	73, 17.757, 95.376
Yxy	44.6075, 0.3486, 0.3716
Android (android.graphics.Color)	4290556562 (0xFFBCB292)
YUV	177.3420, -15.4516, 9.3471
Hunter-Lab	66.7888, -5.0413, 16.9356

Details

The Yxy color **44.6075, 0.3486, 0.3716** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.5070, 0.2766, 0.2824**, and the grayscale version is **44.2323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4282, 0.3423, 0.3641**, and **20.5618, 0.3590, 0.3838** is the 20% darker color. If you saturate the color by 10%, you get **42.3211, 0.3664, 0.3913**, and if you desaturate by 10%, it is **47.0522, 0.3318, 0.3521**.

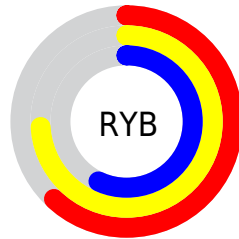
Distribution



Red (74%)

Green (70%)

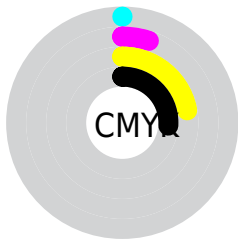
Blue (57%)



Red (62%)

Yellow (74%)

Blue (57%)

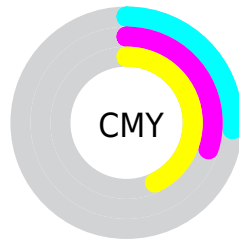


Cyan (0%)

Magenta (5%)

Yellow (22%)

Black (26%)



Cyan (26%)


Magenta (30%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6075, 0.3486, 0.3716 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 44.6075, 0.3486, 0.3716 by changing the saturation by 10% instead.


 44.6075, 0.3486,
0.3716


 44.6075, 0.3486,
0.3716


365.1816, 0.3306,
0.3501

 31.1484, 0.3531,
0.3770


 82.1311, 0.3421,
0.3638

 20.7119, 0.3588,
0.3839


 106.9644, 0.3396,
0.3608

 12.9135, 0.3664,
0.3932


136.3578, 0.3375,
0.3583

 7.3690, 0.3768,
0.4060

170.6959, 0.3358,
0.3562

 3.6940, 0.3918,
0.4248

210.3629, 0.3342,
0.3544

 1.5039, 0.4339,
0.4755

255.7432, 0.3329,

 0.2915, 0.4479,

0.3528

0.5521

307.2213, 0.3317,
0.3514

0.0000, 0.0000,
0.0000

44.6075, 0.3486,
0.3716

44.6075, 0.3486,
0.3716

42.3211, 0.3664,
0.3913

47.0522, 0.3318,
0.3521

40.1816, 0.3847,
0.4104

49.6540, 0.3162,
0.3333

38.1855, 0.4031,
0.4281

52.4196, 0.3019,
0.3155

36.3266, 0.4207,
0.4435

55.3534, 0.2889,
0.2988

34.5981, 0.4369,
0.4555

58.4595, 0.2772,
0.2833

■ 32.9922, 0.4508,
0.4632

■ 61.4965, 0.2688,
0.2729

■ 31.4997, 0.4619,
0.4662

■ 63.6644, 0.2693,
0.2780

■ 30.4223, 0.4688,
0.4660

■ 65.8940, 0.2698,
0.2832

■ 68.1857, 0.2703,
0.2883

Harmonies

Analogous

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



44.6075, 0.3614, 0.3590



44.6075, 0.3486, 0.3716



44.6075, 0.3264, 0.3726

Triad

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



44.6075, 0.3486, 0.3716



44.6075, 0.2670, 0.3154



44.6075, 0.3231, 0.3002

Complementary

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



44.6075, 0.3486, 0.3716



33.5070, 0.2766, 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.



44.6075, 0.2977, 0.2892



44.6075, 0.3486, 0.3716



44.6075, 0.2661, 0.2969

Square

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



44.6075, 0.3486, 0.3716



44.6075, 0.2796, 0.3391



44.6075, 0.2771, 0.2878



44.6075, 0.3464, 0.3182

Rectangle

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



44.6075, 0.3486, 0.3716



44.6075, 0.3094, 0.3660



44.6075, 0.2771, 0.2878



44.6075, 0.3145, 0.2956

Sweetspot

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



44.6095, 0.3486, 0.3716



87.7067, 0.3235, 0.3422



33.6583, 0.3466, 0.3148



18.8003, 0.3244, 0.3433



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.



44.6095, 0.3486, 0.3716



78.7013, 0.3575, 0.3816



47.4477, 0.3366, 0.3857



10.7254, 0.3270, 0.3464



20.8314, 0.4680, 0.4666



0.9108, 0.4541, 0.4776

Inverse Universe

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



33.5070, 0.2766, 0.2824



54.9021, 0.2675, 0.2702



31.2969, 0.2850, 0.2690



9.5840, 0.2984, 0.3110



3.8332, 0.1578, 0.0882



0.2548, 0.1711, 0.1358

Previews

White Background



This preview shows how the Yxy color 44.6075, 0.3486, 0.3716 looks on a white background.

Color Contrast Check

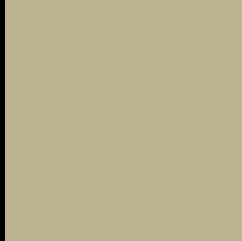
Large Text (above 18pt) WCAG AA × Fail

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 44.6075, 0.3486, 0.3716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

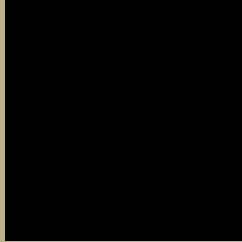
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

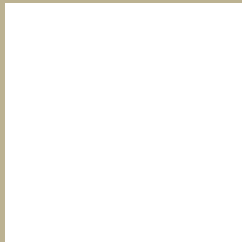
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.6075, 0.3486, 0.3716

Background



This preview shows how black text looks on a background with the Yxy color 44.6075, 0.3486, 0.3716.



This preview shows how white text looks on a background with the Yxy color 44.6075, 0.3486, 0.3716.

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

44.6075, 0.3486, 0.3716

Protanopia

44.7349, 0.3495, 0.3714

Deuteranopia

44.3542, 0.3669, 0.3594



Tritanopia

44.3877, 0.3198, 0.3112

Trichromacy



Original Color

44.6075, 0.3486, 0.3716

Protanomaly

44.7349, 0.3495, 0.3714

Deuteranomaly

44.5208, 0.3592, 0.3639

Tritanomaly

44.2887, 0.3306, 0.3329

Monochromacy



Original Color

44.6075, 0.3486, 0.3716

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.0212, 0.3253, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6075, 0.3486, 0.3716 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(188, 178, 146)` looks like.

```
.text, #text, p{  
    color:rgb(188, 178, 146)  
}
```

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(188, 178, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 178, 146) }
```

Border

The CSS property to change the border of an element to Yxy 44.6075, 0.3486, 0.3716 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(188, 178, 146) }
```

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

```
.border{ border-color:rgb(188, 178, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 178, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 178, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 178, 146);  
box-shadow:4px 4px 4px 4px rgb(188, 178,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6075, 0.3486, 0.3716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 178, 146) }
```

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

```
.background{ background-color: rgb(188,  
178, 146) }
```

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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