

Converting Colors

$Yxy(44.7488, 0.3372, 0.3494)$

Have a look what the booklet for
Yxy(44.7488, 0.3372, 0.3494)
contains.

Yxy(44.8363, 0.3368, 0.3501)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.8363, 0.3368, 0.3501)

Conversions

Conversions Part 1

Format	Color
Hex	BDB1A1
RGB	189, 177, 161
RGB Percent	74%, 69%, 63%
CMY	0.2590, 0.3058, 0.3686
CMYK	0.00, 0.06, 0.15, 0.26
HSL	34°, 17%, 69%
HSV	34°, 15%, 74%
XYZ	43.1330, 44.8363, 40.0978
YIQ	178.7640, 12.2880, -2.4320

Conversions

Conversions Part 2

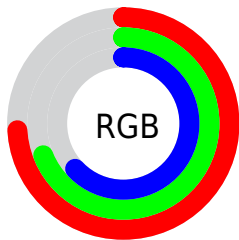
Format	Color
RYB	182, 189, 161
Decimal	12431777
CIELab	72.78, 1.54, 9.72
CIELCh	73, 9.841, 80.981
Yxy	44.8363, 0.3368, 0.3501
Android (android.graphics.Color)	4290621857 (0xFFBDB1A1)
YUV	178.7640, -8.7577, 8.9770
Hunter-Lab	66.9599, -2.1970, 11.3671

Details

The Yxy color $44.8363, 0.3368, 0.3501$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $41.1114, 0.2898, 0.3070$, and the grayscale version is $44.9879, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.6482, 0.3319, 0.3464$, and $21.0056, 0.3449, 0.3578$ is the 20% darker color. If you saturate the color by 10%, you get $41.1273, 0.3555, 0.3651$, and if you desaturate by 10%, it is $48.8385, 0.3201, 0.3357$.

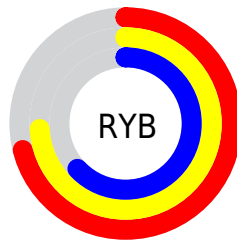
Distribution



Red (74%)

Green (69%)

Blue (63%)



Red (71%)

Yellow (74%)

Blue (63%)

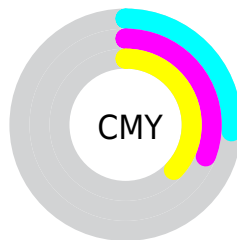


Cyan (0%)

Magenta (6%)

Yellow (15%)

Black (26%)



Cyan (26%)


Magenta (31%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8363, 0.3368, 0.3501 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 44.8363, 0.3368, 0.3501 by changing the saturation by 10% instead.

 44.8363, 0.3368,
0.3501

 44.8363, 0.3368,
0.3501


366.1102, 0.3247,
0.3395

 31.3285, 0.3399,
0.3527


 82.4747, 0.3324,
0.3463

 20.8491, 0.3438,
0.3561


 107.3741, 0.3307,
0.3448

 13.0138, 0.3491,
0.3607


136.8395, 0.3293,
0.3436

 7.4380, 0.3565,
0.3670

171.2553, 0.3281,
0.3425

 3.7375, 0.3678,
0.3764

211.0058, 0.3271,
0.3416

 1.5278, 0.3868,
0.3921

256.4756, 0.3262,

 0.3082, 0.5175,

0.3409

0.4825

308.0489, 0.3254,
0.3402

0.0000, 0.0000,
0.0000

44.8363, 0.3368,
0.3501

44.8363, 0.3368,
0.3501

41.1273, 0.3555,
0.3651

48.8385, 0.3201,
0.3357

37.6977, 0.3763,
0.3804

53.1353, 0.3052,
0.3220

34.5415, 0.3987,
0.3952

57.7357, 0.2921,
0.3093

31.6498, 0.4225,
0.4087

62.6464, 0.2806,
0.2976

29.0136, 0.4468,
0.4199

67.8434, 0.2708,
0.2873

■ 26.6224, 0.4705,
0.4275

■ 72.1137, 0.2716,
0.2965

■ 24.4652, 0.4922,
0.4305

■ 76.5904, 0.2725,
0.3055

■ 22.5290, 0.5108,
0.4281

■ 81.2760, 0.2733,
0.3144

■ 21.5975, 0.5196,
0.4256

■ 86.1734, 0.2741,
0.3232

Harmonies

Analogous

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



44.8363, 0.3403, 0.3412



44.8363, 0.3368, 0.3501



44.8363, 0.3268, 0.3535

Triad

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



44.8363, 0.3368, 0.3501



44.8363, 0.2898, 0.3279



44.8363, 0.3118, 0.3091

Complementary

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



44.8363, 0.3368, 0.3501



41.1114, 0.2898, 0.3070

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.



44.8363, 0.2984, 0.3054



44.8363, 0.3368, 0.3501



44.8363, 0.2859, 0.3159

Square

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



44.8363, 0.3368, 0.3501



44.8363, 0.2997, 0.3406



44.8363, 0.2890, 0.3078



44.8363, 0.3256, 0.3178

Rectangle

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



44.8363, 0.3368, 0.3501



44.8363, 0.3179, 0.3520



44.8363, 0.2890, 0.3078



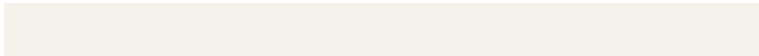
44.8363, 0.3071, 0.3073

Sweetspot

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



44.8383, 0.3368, 0.3501



88.0605, 0.3189, 0.3346



39.3239, 0.3286, 0.3131



18.8161, 0.3201, 0.3357



95.5105, 0.3127, 0.3290



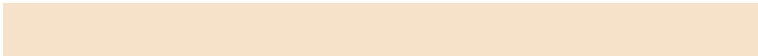
19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.8383, 0.3368, 0.3501



77.9666, 0.3431, 0.3553



49.5259, 0.3330, 0.3653



10.4195, 0.3274, 0.3421



14.6929, 0.5180, 0.4269



0.7028, 0.4883, 0.4505

Inverse Universe

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



41.1114, 0.2898, 0.3070



69.9115, 0.2841, 0.3012



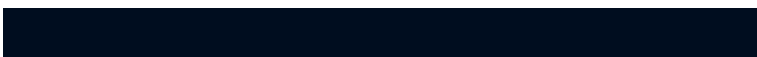
36.9334, 0.2908, 0.2903



9.8771, 0.2984, 0.3155



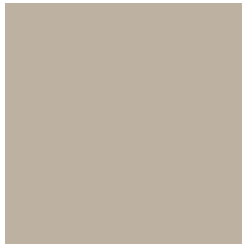
6.5463, 0.1712, 0.1364



0.3863, 0.1845, 0.1843

Previews

White Background



This preview shows how the Yxy color 44.8363, 0.3368, 0.3501 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 44.8363, 0.3368, 0.3501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

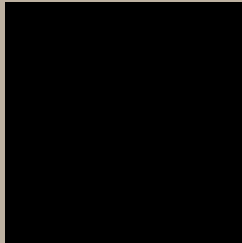
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

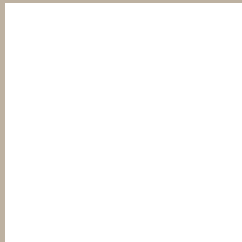
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.8363, 0.3368, 0.3501

Background



This preview shows how black text looks on a background with the Yxy color 44.8363, 0.3368, 0.3501.



This preview shows how white text looks on a background with the Yxy color 44.8363, 0.3368, 0.3501.

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

44.8363, 0.3368, 0.3501

Protanopia

44.8885, 0.3331, 0.3502

Deuteranopia

44.6702, 0.3491, 0.3418



Tritanopia

44.6815, 0.3180, 0.3112

Trichromacy



Original Color

44.8363, 0.3368, 0.3501

Protanomaly

45.0142, 0.3340, 0.3501

Deuteranomaly

44.7511, 0.3440, 0.3445

Tritanomaly

44.5628, 0.3246, 0.3239

Monochromacy



Original Color

44.8363, 0.3368, 0.3501

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.8866, 0.3220, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8363, 0.3368, 0.3501 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(189, 177, 161)` looks like.

```
.text, #text, p{  
    color:rgb(189, 177, 161)  
}
```

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(189, 177, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 177, 161) }
```

Border

The CSS property to change the border of an element to Yxy 44.8363, 0.3368, 0.3501 is called "border". The border property can be set on classes, ids or directly on the HTML element.

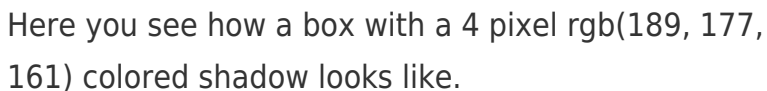
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 177, 161) }
```

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

```
.border{ border-color:rgb(189, 177, 161) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 177, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 177, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 177, 161); box-shadow:4px 4px 4px 4px rgb(189, 177, 161) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8363, 0.3368, 0.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 177, 161) }
```

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

```
.background{ background-color: rgb(189,  
177, 161) }
```

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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