

Converting Colors

$Yxy(50.5868, 0.3200, 0.3729)$

Have a look what the booklet for
Yxy(50.5868, 0.3200, 0.3729)
contains.

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Color

Yxy(50.6375, 0.3203, 0.3729)

Conversions

Conversions Part 1

Format	Color
Hex	AEC3A2
RGB	174, 195, 162
RGB Percent	68%, 76%, 64%
CMY	0.3176, 0.2353, 0.3647
CMYK	0.11, 0.00, 0.17, 0.24
HSL	98°, 22%, 70%
HSV	98°, 17%, 76%
XYZ	43.4947, 50.6375, 41.6615
YIQ	184.9590, -1.9230, -14.7150

Conversions

Conversions Part 2

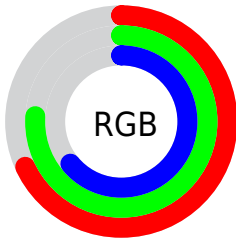
Format	Color
RYB	162, 195, 183
Decimal	11453346
CIELab	76.46, -13.23, 14.22
CIELCh	76, 19.417, 132.935
Yxy	50.6375, 0.3203, 0.3729
Android (android.graphics.Color)	4289643426 (0xFFAEC3A2)
YUV	184.9590, -11.3188, -9.6110
Hunter-Lab	71.1600, -15.4265, 15.0999

Details

The Yxy color $50.6375, 0.3203, 0.3729$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $39.8441, 0.3038, 0.2862$, and the grayscale version is $48.5591, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.4536, 0.3192, 0.3651$, and $24.2405, 0.3219, 0.3858$ is the 20% darker color. If you saturate the color by 10%, you get $48.6401, 0.3244, 0.4020$, and if you desaturate by 10%, it is $52.8782, 0.3159, 0.3461$.

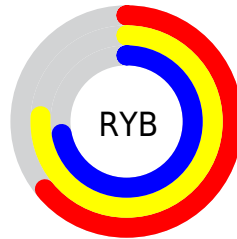
Distribution



Red (68%)

Green (76%)

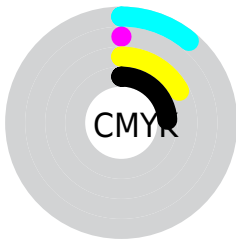
Blue (64%)



Red (64%)

Yellow (76%)

Blue (72%)

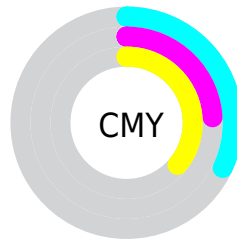


Cyan (11%)

Magenta (0%)

Yellow (17%)

Black (24%)



Cyan (32%)


Magenta (24%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6375, 0.3203, 0.3729 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 50.6375, 0.3203, 0.3729 by changing the saturation by 10% instead.


 50.6375, 0.3203,
0.3729

 50.6375, 0.3203,
0.3729


389.1537, 0.3168,
0.3507

 35.9202, 0.3211,
0.3785


 91.1187, 0.3191,
0.3648

 24.3726, 0.3220,
0.3857


 117.6514, 0.3186,
0.3618

 15.6102, 0.3231,
0.3954


148.8914, 0.3182,
0.3592

 9.2488, 0.3244,
0.4090

185.2230, 0.3179,
0.3570

 4.9038, 0.3259,
0.4294

227.0306, 0.3176,
0.3551

 2.1909, 0.3270,
0.4635

274.6987, 0.3173,

 0.7150, 0.3329,

0.3535

0.6671

328.6116, 0.3171,
0.3520

0.0000, 0.0000,
0.0000

50.6375, 0.3203,
0.3729

50.6375, 0.3203,
0.3729

48.6401, 0.3244,
0.4020

52.8782, 0.3159,
0.3461

46.8711, 0.3280,
0.4328

55.3637, 0.3113,
0.3218

45.3235, 0.3307,
0.4643

58.1039, 0.3068,
0.3000

43.9877, 0.3321,
0.4954

61.1059, 0.3025,
0.2807

42.8532, 0.3320,
0.5241

64.0838, 0.3014,
0.2677

■ 41.9085, 0.3301,
0.5489

■ 66.2801, 0.3106,
0.2694

■ 41.1405, 0.3265,
0.5680

■ 67.5104, 0.3155,
0.2703

■ 40.5331, 0.3215,
0.5808

■ 40.3712, 0.3200,
0.5841

Harmonies

Analogous

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



50.6375, 0.3451, 0.3752



50.6375, 0.3203, 0.3729



50.6375, 0.2942, 0.3571

Triad

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



50.6375, 0.3203, 0.3729



50.6375, 0.2657, 0.2919



50.6375, 0.3530, 0.3231

Complementary

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



50.6375, 0.3203, 0.3729



39.8441, 0.3038, 0.2862

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.



50.6375, 0.3302, 0.3031



50.6375, 0.3203, 0.3729



50.6375, 0.2800, 0.2852

Square

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



50.6375, 0.3203, 0.3729



50.6375, 0.2635, 0.3091



50.6375, 0.3034, 0.2894



50.6375, 0.3646, 0.3454

Rectangle

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



50.6375, 0.3203, 0.3729



50.6375, 0.2795, 0.3416



50.6375, 0.3034, 0.2894



50.6375, 0.3463, 0.3160

Sweetspot

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



50.6397, 0.3203, 0.3729



95.4941, 0.3150, 0.3414



48.0359, 0.3403, 0.3558



20.8448, 0.3153, 0.3432



0.0000, 0.0000, 0.0000



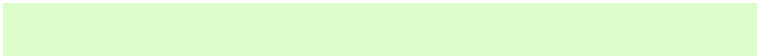
21.4041, 0.3127, 0.3290

Same Dimension

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



50.6397, 0.3203, 0.3729



89.4367, 0.3217, 0.3825



49.4792, 0.3074, 0.3680



11.4334, 0.3170, 0.3524



26.2827, 0.3209, 0.5834



1.1748, 0.3393, 0.5688

Inverse Universe

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



39.8441, 0.3038, 0.2862



66.7815, 0.3017, 0.2771



41.1855, 0.3185, 0.2929



10.0582, 0.3081, 0.3059



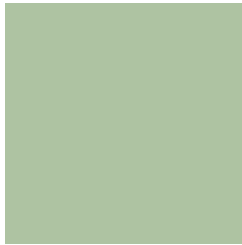
5.3934, 0.2321, 0.1052



0.2709, 0.2522, 0.1163

Previews

White Background



This preview shows how the Yxy color 50.6375, 0.3203, 0.3729 looks on a white background.

Color Contrast Check

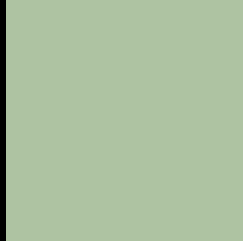
Large Text (above 18pt) WCAG AA × Fail

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 50.6375, 0.3203, 0.3729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

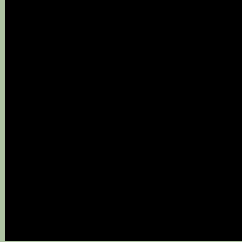
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

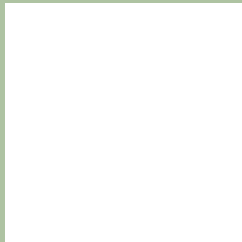
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.6375, 0.3203, 0.3729

Background



This preview shows how black text looks on a background with the Yxy color 50.6375, 0.3203, 0.3729.



This preview shows how white text looks on a background with the Yxy color 50.6375, 0.3203, 0.3729.

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

50.6375, 0.3203, 0.3729

Protanopia

50.4408, 0.3451, 0.3669

Deuteranopia

50.2114, 0.3562, 0.3484



Tritanopia

50.5786, 0.2953, 0.3101

Trichromacy



Original Color

50.6375, 0.3203, 0.3729

Protanomaly

50.5836, 0.3358, 0.3703

Deuteranomaly

50.0775, 0.3424, 0.3567

Tritanomaly

50.4007, 0.3038, 0.3315

Monochromacy



Original Color

50.6375, 0.3203, 0.3729

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.3933, 0.3153, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6375, 0.3203, 0.3729 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(174, 195, 162)` looks like.

```
.text, #text, p{  
    color:rgb(174, 195, 162)  
}
```

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(174, 195, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 195, 162) }
```

Border

The CSS property to change the border of an element to Yxy 50.6375, 0.3203, 0.3729 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(174, 195, 162) }
```

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

```
.border{ border-color:rgb(174, 195, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 195, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 195, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 195, 162);  
box-shadow:4px 4px 4px 4px rgb(174, 195,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6375, 0.3203, 0.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 195, 162) }
```

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

```
.background{ background-color: rgb(174,  
195, 162) }
```

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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