

Converting Colors

$Yxy(52.3439, 0.3224, 0.3763)$

Have a look what the booklet for
Yxy(52.3439, 0.3224, 0.3763)
contains.

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Color

Yxy(52.3439, 0.3224, 0.3763)

Conversions

Conversions Part 1

Format	Color
Hex	B1C6A2
RGB	177, 198, 162
RGB Percent	69%, 78%, 64%
CMY	0.3059, 0.2235, 0.3648
CMYK	0.11, 0.00, 0.18, 0.22
HSL	95°, 24%, 71%
HSV	95°, 18%, 78%
XYZ	44.8463, 52.3439, 41.9113
YIQ	187.6170, -0.9600, -15.6480

Conversions

Conversions Part 2

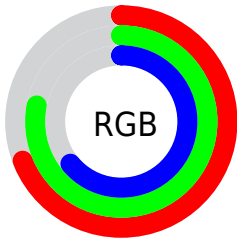
Format	Color
RYB	162, 198, 183
Decimal	11650722
CIELab	77.49, -13.70, 15.70
CIELCh	77, 20.837, 131.120
Yxy	52.3439, 0.3224, 0.3763
Android (android.graphics.Color)	4289840802 (0xFFB1C6A2)
YUV	187.6170, -12.6292, -9.3111
Hunter-Lab	72.3491, -15.9658, 16.2981

Details

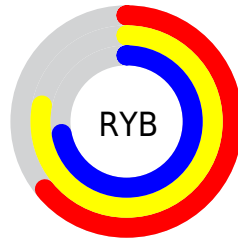
The Yxy color **52.3439, 0.3224, 0.3763** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.9750, 0.3013, 0.2825**, and the grayscale version is **50.1349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8534, 0.3209, 0.3678**, and **25.3574, 0.3247, 0.3902** is the 20% darker color. If you saturate the color by 10%, you get **50.3981, 0.3274, 0.4053**, and if you desaturate by 10%, it is **54.5197, 0.3171, 0.3493**.

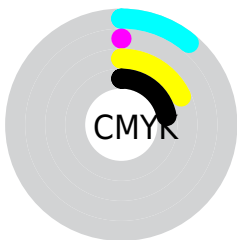
Distribution



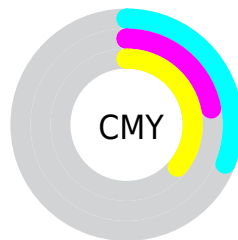
- Red (69%)
- Green (78%)
- Blue (64%)



- Red (64%)
- Yellow (78%)
- Blue (72%)



- Cyan (11%)
- Magenta (0%)
- Yellow (18%)
- Black (22%)



- Cyan (31%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3439, 0.3224, 0.3763 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 52.3439, 0.3224, 0.3763 by changing the saturation by 10% instead.

 52.3439, 0.3224,
0.3763

 52.3439, 0.3224,
0.3763


395.7628, 0.3180,
0.3525

 37.2793, 0.3234,
0.3823


 93.6382, 0.3209,
0.3676

 25.4238, 0.3246,
0.3899


 120.6367, 0.3203,
0.3644

 16.3931, 0.3260,
0.4001


152.3819, 0.3198,
0.3617

 9.8027, 0.3278,
0.4144

189.2583, 0.3193,
0.3593

 5.2684, 0.3298,
0.4357

231.6501, 0.3189,
0.3573

 2.4056, 0.3316,
0.4706

279.9419, 0.3186,

 0.8287, 0.3535,

0.3555

0.6465

334.5180, 0.3182,
0.3539

0.0000, 0.0000,
0.0000

52.3439, 0.3224,
0.3763

52.3439, 0.3224,
0.3763

50.3981, 0.3274,
0.4053

54.5197, 0.3171,
0.3493

48.6675, 0.3317,
0.4357

56.9264, 0.3117,
0.3247

47.1459, 0.3350,
0.4667

59.5733, 0.3065,
0.3025

45.8242, 0.3369,
0.4967


62.4673, 0.3013,
0.2827


44.6923, 0.3372,
0.5243


65.2237, 0.3004,
0.2706


 43.7392, 0.3354,
0.5477

 67.2492, 0.3089,
0.2721

 42.9525, 0.3318,
0.5656

 68.8705, 0.3153,
0.2732

 42.3145, 0.3267,
0.5776

 42.2110, 0.3258,
0.5795

Harmonies

Analogous

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



52.3439, 0.3484, 0.3778



52.3439, 0.3224, 0.3763



52.3439, 0.2946, 0.3603

Triad

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



52.3439, 0.3224, 0.3763



52.3439, 0.2624, 0.2905



52.3439, 0.3543, 0.3213

Complementary

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



52.3439, 0.3224, 0.3763



39.9750, 0.3013, 0.2825

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.



52.3439, 0.3296, 0.3005



52.3439, 0.3224, 0.3763



52.3439, 0.2768, 0.2827

Square

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



52.3439, 0.3224, 0.3763



52.3439, 0.2608, 0.3092



52.3439, 0.3011, 0.2866



52.3439, 0.3676, 0.3448

Rectangle

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



52.3439, 0.3224, 0.3763



52.3439, 0.2788, 0.3439



52.3439, 0.3011, 0.2866



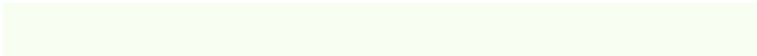
52.3439, 0.3470, 0.3138

Sweetspot

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



52.3462, 0.3224, 0.3763



97.8235, 0.3154, 0.3414



48.2316, 0.3431, 0.3550



20.8746, 0.3158, 0.3432



0.0000, 0.0000, 0.0000



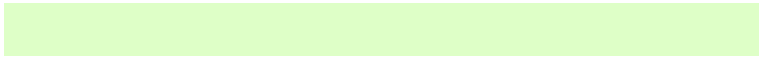
21.4041, 0.3127, 0.3290

Same Dimension

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



52.3462, 0.3224, 0.3763



91.2160, 0.3245, 0.3881



50.7637, 0.3087, 0.3747



12.1004, 0.3178, 0.3524



27.4971, 0.3267, 0.5788



1.3443, 0.3436, 0.5654

Inverse Universe

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



39.9750, 0.3013, 0.2825



65.1097, 0.2982, 0.2712



41.8070, 0.3169, 0.2872



10.5877, 0.3072, 0.3058



5.0911, 0.2203, 0.0987



0.2829, 0.2410, 0.1101

Previews

White Background



This preview shows how the Yxy color 52.3439, 0.3224, 0.3763 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 52.3439, 0.3224, 0.3763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

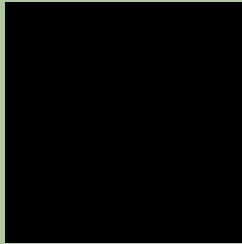
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

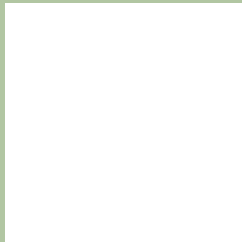
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.3439, 0.3224, 0.3763

Background



This preview shows how black text looks on a background with the Yxy color 52.3439, 0.3224, 0.3763.



This preview shows how white text looks on a background with the Yxy color 52.3439, 0.3224, 0.3763.

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

52.3439, 0.3224, 0.3763

Protanopia

52.2868, 0.3479, 0.3701

Deuteranopia

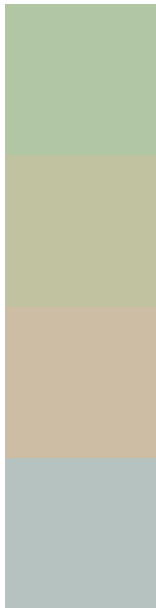
52.0577, 0.3590, 0.3516



Tritanopia

52.3946, 0.2955, 0.3104

Trichromacy



Original Color

52.3439, 0.3224, 0.3763

Protanomaly

52.4242, 0.3387, 0.3734

Deuteranomaly

51.9129, 0.3453, 0.3599

Tritanomaly

52.1689, 0.3046, 0.3328

Monochromacy



Original Color

52.3439, 0.3224, 0.3763

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.1443, 0.3160, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3439, 0.3224, 0.3763 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(177, 198, 162)` looks like.

```
.text, #text, p{  
    color:rgb(177, 198, 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(177, 198, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 198, 162) }
```

Border

The CSS property to change the border of an element to Yxy 52.3439, 0.3224, 0.3763 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(177, 198, 162) }
```

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

```
.border{ border-color:rgb(177, 198, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 198, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 198, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 198, 162); box-shadow:4px 4px 4px 4px rgb(177, 198, 162) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3439, 0.3224, 0.3763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 198, 162) }
```

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

```
.background{ background-color: rgb(177,  
198, 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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