

Converting Colors

$Yxy(43.5888, 0.3067, 0.4224)$

Have a look what the booklet for
Yxy(43.5888, 0.3067, 0.4224)
contains.

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Color

Yxy(43.4625, 0.3068, 0.4225)

Conversions

Conversions Part 1

Format	Color
Hex	80BF82
RGB	128, 191, 130
RGB Percent	50%, 75%, 51%
CMY	0.4981, 0.2510, 0.4902
CMYK	0.33, 0.00, 0.32, 0.25
HSL	122°, 33%, 63%
HSV	122°, 33%, 75%
XYZ	31.5605, 43.4625, 27.8469
YIQ	165.2090, -17.9670, -32.3270

Conversions

Conversions Part 2

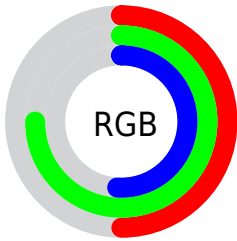
Format	Color
RYB	128, 189, 191
Decimal	8437634
CIELab	71.87, -32.50, 24.55
CIELCh	72, 40.731, 142.942
Yxy	43.4625, 0.3068, 0.4225
Android (android.graphics.Color)	4286627714 (0xFF80BF82)
YUV	165.2090, -17.3580, -32.6323
Hunter-Lab	65.9261, -29.9183, 21.1045

Details

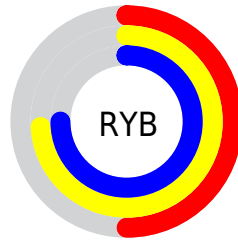
The Yxy color **43.4625, 0.3068, 0.4225** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.1845, 0.3185, 0.2505**, and the grayscale version is **37.8231, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6210, 0.3092, 0.4044**, and **20.0070, 0.3031, 0.4534** is the 20% darker color. If you saturate the color by 10%, you get **41.6675, 0.3049, 0.4566**, and if you desaturate by 10%, it is **45.6291, 0.3087, 0.3906**.

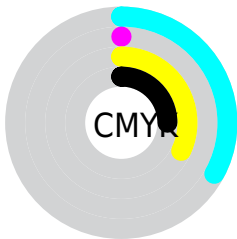
Distribution



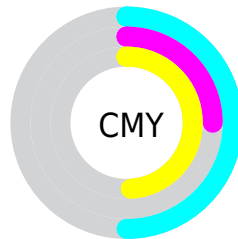
- Red (50%)
- Green (75%)
- Blue (51%)



- Red (50%)
- Yellow (74%)
- Blue (75%)



- Cyan (33%)
- Magenta (0%)
- Yellow (32%)
- Black (25%)



- Cyan (50%)
- Magenta (25%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4625, 0.3068, 0.4225 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 43.4625, 0.3068, 0.4225 by changing the saturation by 10% instead.

 43.4625, 0.3068,
0.4225


 43.4625, 0.3068,
0.4225


360.5104, 0.3112,
0.3728


 30.2482, 0.3052,
0.4359


 80.4083, 0.3088,
0.4037

 20.0270, 0.3028,
0.4535


 104.9086, 0.3094,
0.3969

 12.4147, 0.2989,
0.4780

 133.9397, 0.3098,
0.3912

 7.0268, 0.2920,
0.5139

167.8859, 0.3102,
0.3864

 3.4788, 0.2786,
0.5706

207.1317, 0.3105,
0.3823

 1.3865, 0.2472,
0.7528

252.0614, 0.3108,

 0.2068, 0.0000,

0.3787

1.0000

303.0595, 0.3110,
0.3756

0.0000, 0.0000,
0.0000

43.4625, 0.3068,
0.4225

43.4625, 0.3068,
0.4225

41.6675, 0.3049,
0.4566

45.6291, 0.3087,
0.3906

40.2182, 0.3031,
0.4914

48.1808, 0.3105,
0.3617

39.0939, 0.3015,
0.5248


51.1369, 0.3122,
0.3360


38.2696, 0.3004,
0.5542

54.5140, 0.3138,
0.3137

37.7166, 0.2997,
0.5772

58.3276, 0.3152,
0.2943

 37.4003, 0.2996,
0.5921

 62.5925, 0.3164,
0.2777

 37.2780, 0.2995,
0.5981

 65.7445, 0.3157,
0.2663

Harmonies

Analogous

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



43.4625, 0.3635, 0.4348



43.4625, 0.3068, 0.4225



43.4625, 0.2545, 0.3757

Triad

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



43.4625, 0.3068, 0.4225



43.4625, 0.2213, 0.2423



43.4625, 0.4147, 0.3286

Complementary

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



43.4625, 0.3068, 0.4225



30.1845, 0.3185, 0.2505

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.



43.4625, 0.3693, 0.2866



43.4625, 0.3068, 0.4225



43.4625, 0.2566, 0.2387

Square

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



43.4625, 0.3068, 0.4225



43.4625, 0.2085, 0.2682



43.4625, 0.3100, 0.2548



43.4625, 0.4290, 0.3738

Rectangle

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



43.4625, 0.3068, 0.4225



43.4625, 0.2288, 0.3356



43.4625, 0.3100, 0.2548



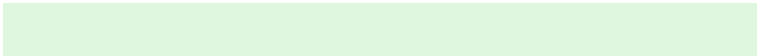
43.4625, 0.4024, 0.3139

Sweetspot

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



43.4643, 0.3068, 0.4225



87.7125, 0.3110, 0.3541



49.7641, 0.3609, 0.4105



19.1021, 0.3108, 0.3578



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.4643, 0.3068, 0.4225



75.3236, 0.3053, 0.4484



44.4096, 0.2860, 0.3744



10.6545, 0.3112, 0.3519



24.4990, 0.2993, 0.5976



0.9614, 0.2967, 0.5881

Inverse Universe

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



30.1845, 0.3185, 0.2505



47.6886, 0.3200, 0.2330



28.9951, 0.3517, 0.2880



9.6908, 0.3142, 0.3071



9.5798, 0.3290, 0.1586



0.3769, 0.3269, 0.1575

Previews

White Background



This preview shows how the Yxy color 43.4625, 0.3068, 0.4225 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 43.4625, 0.3068, 0.4225 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 43.4625, 0.3068, 0.4225

Background



This preview shows how black text looks on a background with the Yxy color 43.4625, 0.3068, 0.4225.

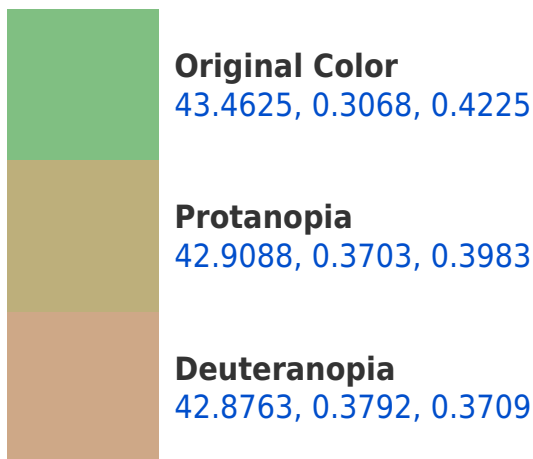


This preview shows how white text looks on a background with the Yxy color 43.4625, 0.3068, 0.4225.

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





Tritanopia

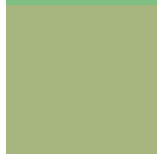
43.5609, 0.2699, 0.3094

Trichromacy



Original Color

43.4625, 0.3068, 0.4225



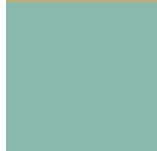
Protanomaly

42.7696, 0.3447, 0.4070



Deuteranomaly

42.2091, 0.3508, 0.3885



Tritanomaly

43.3692, 0.2828, 0.3479

Monochromacy



Original Color

43.4625, 0.3068, 0.4225



Achromatopsia

37.6262, 0.3127, 0.3290



Achromatomaly

39.2145, 0.3112, 0.3615

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4625, 0.3068, 0.4225 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(128, 191, 130)` looks like.

```
.text, #text, p{  
    color:rgb(128, 191, 130)  
}
```

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(128, 191, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 191, 130) }
```

Border

The CSS property to change the border of an element to Yxy 43.4625, 0.3068, 0.4225 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(128, 191, 130) }
```

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

```
.border{ border-color:rgb(128, 191, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 191, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 191, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 191, 130);  
box-shadow:4px 4px 4px 4px rgb(128, 191,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4625, 0.3068, 0.4225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 191, 130) }
```

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

```
.background{ background-color: rgb(128,  
191, 130) }
```

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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