

Converting Colors

$Yxy(43.9364, 0.3328, 0.4570)$

Have a look what the booklet for
Yxy(43.9364, 0.3328, 0.4570)
contains.

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Color

Yxy(43.8570, 0.3333, 0.4569)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8CBF69 |
| RGB | 140, 191, 105 |
| RGB Percent | 55%, 75%, 41% |
| CMY | 0.4510, 0.2509, 0.5883 |
| CMYK | 0.27, 0.00, 0.45, 0.25 |
| HSL | 96°, 40%, 58% |
| HSV | 96°, 45%, 75% |
| XYZ | 31.9929, 43.8570, 20.1383 |
| YIQ | 165.9470, -2.7900, -37.5580 |

Conversions

Conversions Part 2

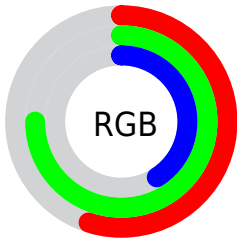
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 105, 191, 156 |
| Decimal | 9224041 |
| CIELab | 72.13, -32.07, 38.00 |
| CIElCh | 72, 49.728, 130.164 |
| Yxy | 43.8570, 0.3333, 0.4569 |
| Android (android.graphics.Color) | 4287414121 (0xFF8CBF69) |
| YUV | 165.9470, -30.0469, -22.7555 |
| Hunter-Lab | 66.2246, -29.6604, 28.3277 |

Details

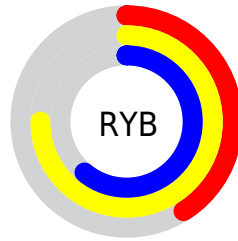
The Yxy color **43.8570, 0.3333, 0.4569** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **20.9303, 0.2790, 0.2073**, and the grayscale version is **38.2537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2055, 0.3308, 0.4315**, and **20.1934, 0.3345, 0.4979** is the 20% darker color. If you saturate the color by 10%, you get **42.5754, 0.3356, 0.4875**, and if you desaturate by 10%, it is **45.3320, 0.3298, 0.4260**.

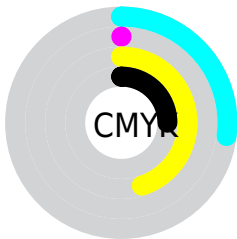
Distribution



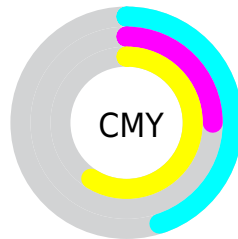
- Red (55%)
- Green (75%)
- Blue (41%)



- Red (41%)
- Yellow (75%)
- Blue (61%)



- Cyan (27%)
- Magenta (0%)
- Yellow (45%)
- Black (25%)




- Cyan (45%)
- Magenta (25%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8570, 0.3333, 0.4569 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 43.8570, 0.3333, 0.4569 by changing the saturation by 10% instead.

 43.8570, 0.3333,
0.4569

 43.8570, 0.3333,
0.4569


362.1244, 0.3255,
0.3893

 30.5581, 0.3341,
0.4747


 81.0025, 0.3312,
0.4316

 20.2626, 0.3344,
0.4978


 105.6179, 0.3302,
0.4223

 12.5861, 0.3333,
0.5289

 134.7743, 0.3293,
0.4145

 7.1441, 0.3286,
0.5722

 168.8560, 0.3284,
0.4079

 3.5524, 0.3307,
0.6673

208.2475, 0.3276,
0.4023

 1.4265, 0.2571,
0.7429

253.3331, 0.3268,

 0.2361, 0.0000,

0.3974

1.0000

304.4973, 0.3262,
0.3931

■ 0.0000, 0.0000,
0.0000

■ 43.8570, 0.3333,
0.4569

■ 43.8570, 0.3333,
0.4569

■ 42.5754, 0.3356,
0.4875

■ 45.3320, 0.3298,
0.4260

■ 41.4724, 0.3363,
0.5162

■ 47.0029, 0.3254,
0.3959

■ 40.5400, 0.3351,
0.5412


■ 48.8796, 0.3205,
0.3675


■ 39.7670, 0.3321,
0.5611

■ 50.9692, 0.3153,
0.3413


■ 39.1404, 0.3273,
0.5750


■ 53.2788, 0.3101,
0.3175

 38.8730, 0.3247,
0.5804

 55.8150, 0.3051,
0.2961

 58.5840, 0.3002,
0.2771

 61.4110, 0.2974,
0.2628

 63.3535, 0.3058,
0.2644

Harmonies

Analogous

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



43.8570, 0.3982, 0.4494



43.8570, 0.3333, 0.4569



43.8570, 0.2664, 0.4157

Triad

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



43.8570, 0.3333, 0.4569



43.8570, 0.1945, 0.2345



43.8570, 0.4171, 0.3051

Complementary

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



43.8570, 0.3333, 0.4569



20.9303, 0.2790, 0.2073

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.



43.8570, 0.3507, 0.2604



43.8570, 0.3333, 0.4569



43.8570, 0.2245, 0.2205

Square

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



43.8570, 0.3333, 0.4569



43.8570, 0.1910, 0.2757



43.8570, 0.2793, 0.2305



43.8570, 0.4519, 0.3572

Rectangle

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



43.8570, 0.3333, 0.4569



43.8570, 0.2297, 0.3682



43.8570, 0.2793, 0.2305



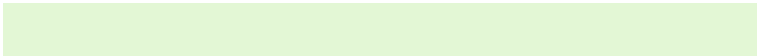
43.8570, 0.3973, 0.2890

Sweetspot

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



43.8589, 0.3333, 0.4569



87.8258, 0.3201, 0.3653



35.5945, 0.3988, 0.3967



19.1159, 0.3212, 0.3712



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.



43.8589, 0.3333, 0.4569



76.2842, 0.3356, 0.4869



41.4408, 0.3018, 0.4566



10.8340, 0.3176, 0.3523



25.5887, 0.3257, 0.5796



1.0407, 0.3455, 0.5639

Inverse Universe

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



20.9303, 0.2790, 0.2073



30.0606, 0.2691, 0.1804



24.6311, 0.3258, 0.2281



9.4975, 0.3074, 0.3059



4.8399, 0.2227, 0.1001



0.2269, 0.2462, 0.1130

Previews

White Background



This preview shows how the Yxy color 43.8570, 0.3333, 0.4569 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 43.8570, 0.3333, 0.4569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

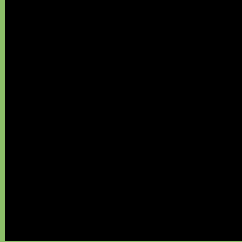
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8570, 0.3333, 0.4569

Background



This preview shows how black text looks on a background with the Yxy color 43.8570, 0.3333, 0.4569.



This preview shows how white text looks on a background with the Yxy color 43.8570, 0.3333, 0.4569.

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

43.8570, 0.3333, 0.4569

Protanopia

43.3082, 0.3925, 0.4269

Deuteranopia

43.2772, 0.4086, 0.3996



Tritanopia

43.8579, 0.2804, 0.3098

Trichromacy



Original Color

43.8570, 0.3333, 0.4569

Protanomaly

43.0057, 0.3699, 0.4373

Deuteranomaly

42.5725, 0.3794, 0.4197

Tritanomaly

43.6961, 0.3005, 0.3621

Monochromacy



Original Color

43.8570, 0.3333, 0.4569

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.8417, 0.3221, 0.3745

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8570, 0.3333, 0.4569 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(140, 191, 105)` looks like.

```
.text, #text, p{  
    color:rgb(140, 191, 105)  
}
```

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(140, 191, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 191, 105) }
```

Border

The CSS property to change the border of an element to Yxy 43.8570, 0.3333, 0.4569 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(140, 191, 105) }
```

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

```
.border{ border-color:rgb(140, 191, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 191, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 191, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 191, 105);  
box-shadow:4px 4px 4px 4px rgb(140, 191,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8570, 0.3333, 0.4569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 191, 105) }
```

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

```
.background{ background-color: rgb(140,  
191, 105) }
```

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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