

Converting Colors

Yxy(39.4972, 0.3021, 0.4684)

Have a look what the booklet for
Yxy(39.4972, 0.3021, 0.4684)
contains.

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Color

Yxy(39.5626, 0.3021, 0.4684)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 62BC68 |
| RGB | 98, 188, 104 |
| RGB Percent | 38%, 74%, 41% |
| CMY | 0.6158, 0.2627, 0.5922 |
| CMYK | 0.48, 0.00, 0.45, 0.26 |
| HSL | 124°, 40%, 56% |
| HSV | 124°, 48%, 74% |
| XYZ | 25.5164, 39.5626, 19.3843 |
| YIQ | 151.5140, -26.6760, -45.2040 |

Conversions

Conversions Part 2

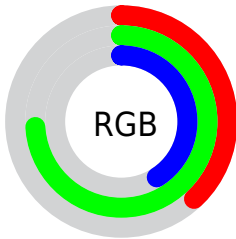
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 98, 182, 188 |
| Decimal | 6470760 |
| CIELab | 69.16, -44.51, 34.31 |
| CIElCh | 69, 56.196, 142.370 |
| Yxy | 39.5626, 0.3021, 0.4684 |
| Android (android.graphics.Color) | 4284660840 (0xFF62BC68) |
| YUV | 151.5140, -23.4244, -46.9318 |
| Hunter-Lab | 62.8988, -37.6603, 25.7570 |

Details

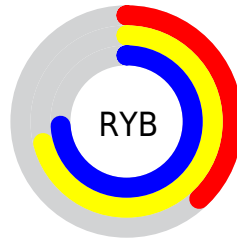
The Yxy color **39.5626, 0.3021, 0.4684** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **22.8005, 0.3250, 0.2209**, and the grayscale version is **31.2882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5751, 0.3064, 0.4396**, and **17.7574, 0.2929, 0.5174** is the 20% darker color. If you saturate the color by 10%, you get **38.3185, 0.3003, 0.5020**, and if you desaturate by 10%, it is **41.1298, 0.3042, 0.4348**.

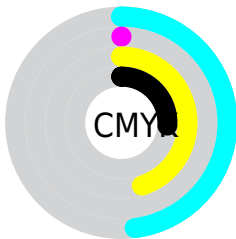
Distribution



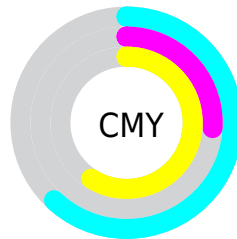
- Red (38%)
- Green (74%)
- Blue (41%)



- Red (38%)
- Yellow (71%)
- Blue (74%)



- Cyan (48%)
- Magenta (0%)
- Yellow (45%)
- Black (26%)





- Cyan (62%)
- Magenta (26%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5626, 0.3021, 0.4684 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 39.5626, 0.3021, 0.4684 by changing the saturation by 10% instead.


 39.5626, 0.3021,
0.4684


 39.5626, 0.3021,
0.4684

344.2765, 0.3106,
0.3921

 27.1977, 0.2987,
0.4895


 74.4970, 0.3061,
0.4391


 17.7217, 0.2933,
0.5178


 97.8353, 0.3073,
0.4286

 10.7504, 0.2844,
0.5572


 125.6001, 0.3082,
0.4199

 5.8993, 0.2682,
0.6147

 158.1759, 0.3089,
0.4125

 2.7839, 0.2509,
0.7491

195.9470, 0.3095,
0.4063

 1.0200, 0.0000,
1.0000

239.2979, 0.3099,

 0.0000, 0.0000,

0.4009

0.0000

288.6130, 0.3103,
0.3962

■ 39.5626, 0.3021,
0.4684

■ 39.5626, 0.3021,
0.4684

■ 38.3185, 0.3003,
0.5020

■ 41.1298, 0.3042,
0.4348

■ 37.3704, 0.2990,
0.5336

■ 43.0350, 0.3065,
0.4029

■ 36.6951, 0.2984,
0.5607


■ 45.2984, 0.3088,
0.3736


■ 36.2635, 0.2984,
0.5812


■ 47.9370, 0.3110,
0.3474

■ 36.0335, 0.2989,
0.5940

■ 50.9667, 0.3132,
0.3244

 35.9976, 0.2988,
0.5958

 54.4026, 0.3151,
0.3043

 58.2588, 0.3169,
0.2870

 62.5491, 0.3185,
0.2721

 64.4497, 0.3158,
0.2634

Harmonies

Analogous

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



39.5626, 0.3803, 0.4791



39.5626, 0.3021, 0.4684



39.5626, 0.2310, 0.3982

Triad

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



39.5626, 0.3021, 0.4684



39.5626, 0.1881, 0.2105



39.5626, 0.4572, 0.3233

Complementary

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



39.5626, 0.3021, 0.4684



22.8005, 0.3250, 0.2209

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.



39.5626, 0.3908, 0.2691



39.5626, 0.3021, 0.4684



39.5626, 0.2333, 0.2071

Square

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



39.5626, 0.3021, 0.4684



39.5626, 0.1720, 0.2429



39.5626, 0.3056, 0.2281



39.5626, 0.4759, 0.3830

Rectangle

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



39.5626, 0.3021, 0.4684



39.5626, 0.1973, 0.3374



39.5626, 0.3056, 0.2281



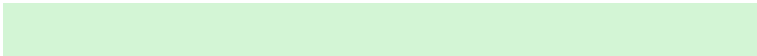
39.5626, 0.4394, 0.3043

Sweetspot

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



39.5643, 0.3021, 0.4684



83.7579, 0.3096, 0.3637



46.7968, 0.3768, 0.4466



17.7974, 0.3091, 0.3695



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.



39.5643, 0.3021, 0.4684



69.4313, 0.3003, 0.5022



40.7348, 0.2736, 0.3918



10.6597, 0.3107, 0.3511



24.5110, 0.2986, 0.5949



0.9637, 0.2933, 0.5759

Inverse Universe

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



22.8005, 0.3250, 0.2209



35.5597, 0.3279, 0.2020



21.2291, 0.3844, 0.2755



9.6850, 0.3148, 0.3079



9.4029, 0.3382, 0.1637



0.3717, 0.3336, 0.1612

Previews

White Background



This preview shows how the Yxy color 39.5626, 0.3021, 0.4684 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 39.5626, 0.3021, 0.4684 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 39.5626, 0.3021, 0.4684

Background



This preview shows how black text looks on a background with the Yxy color 39.5626, 0.3021, 0.4684.



This preview shows how white text looks on a background with the Yxy color 39.5626, 0.3021, 0.4684.

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

39.5626, 0.3021, 0.4684

Protanopia

39.0587, 0.3908, 0.4248

Deuteranopia

38.7068, 0.4006, 0.3923



Tritanopia

39.4285, 0.2561, 0.3082

Trichromacy



Original Color

39.5626, 0.3021, 0.4684



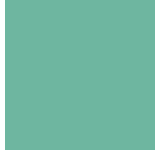
Protanomaly

38.3523, 0.3538, 0.4410



Deuteranomaly

37.7247, 0.3604, 0.4197



Tritanomaly

39.3090, 0.2729, 0.3636

Monochromacy



Original Color

39.5626, 0.3021, 0.4684



Achromatopsia

31.3989, 0.3127, 0.3290



Achromatomaly

33.5651, 0.3077, 0.3777

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5626, 0.3021, 0.4684 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(98, 188, 104)` looks like.

```
.text, #text, p{  
    color:rgb(98, 188, 104)  
}
```

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(98, 188, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 188, 104) }
```

Border

The CSS property to change the border of an element to Yxy 39.5626, 0.3021, 0.4684 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(98, 188, 104) }
```

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

```
.border{ border-color:rgb(98, 188, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 188, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 188, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 188, 104);  
box-shadow:4px 4px 4px 4px rgb(98, 188,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5626, 0.3021, 0.4684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 188, 104) }
```

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

```
.background{ background-color: rgb(98, 188,  
104) }
```

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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