

Converting Colors

Yxy(50.6185, 0.3160, 0.4163)

Have a look what the booklet for
Yxy(50.6185, 0.3160, 0.4163)
contains.

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Color

Yxy(50.6185, 0.3160, 0.4163)

Conversions

Conversions Part 1

Format	Color
Hex	96CA8C
RGB	150, 202, 140
RGB Percent	59%, 79%, 55%
CMY	0.4120, 0.2078, 0.4510
CMYK	0.26, 0.00, 0.31, 0.21
HSL	110°, 37%, 67%
HSV	110°, 31%, 79%
XYZ	38.4229, 50.6185, 32.5500
YIQ	179.3840, -11.0900, -30.3060

Conversions

Conversions Part 2

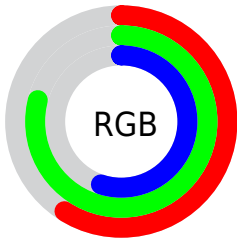
Format	Color
RYB	140, 202, 192
Decimal	9882252
CIELab	76.45, -28.78, 25.66
CIELCh	76, 38.557, 138.273
Yxy	50.6185, 0.3160, 0.4163
Android (android.graphics.Color)	4288072332 (0xFF96CA8C)
YUV	179.3840, -19.4163, -25.7698
Hunter-Lab	71.1467, -28.1075, 22.6772

Details

The Yxy color **50.6185, 0.3160, 0.4163** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.2316, 0.3066, 0.2511**, and the grayscale version is **45.3994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3942, 0.3163, 0.3956**, and **24.4425, 0.3148, 0.4442** is the 20% darker color. If you saturate the color by 10%, you get **48.5851, 0.3163, 0.4497**, and if you desaturate by 10%, it is **52.9985, 0.3152, 0.3849**.

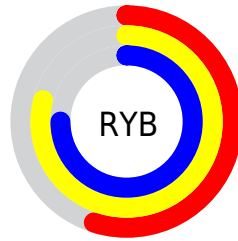
Distribution



Red (59%)

Green (79%)

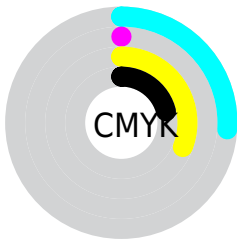
Blue (55%)



Red (55%)

Yellow (79%)

Blue (75%)

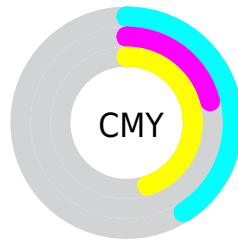


Cyan (26%)

Magenta (0%)

Yellow (31%)

Black (21%)



Cyan (41%)


Magenta (21%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6185, 0.3160, 0.4163 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 50.6185, 0.3160, 0.4163 by changing the saturation by 10% instead.


 50.6185, 0.3160,
0.4163


 50.6185, 0.3160,
0.4163


389.0798, 0.3156,
0.3713

 35.9051, 0.3157,
0.4279


 91.0906, 0.3161,
0.3996

 24.3609, 0.3151,
0.4430


 117.6181, 0.3161,
0.3935

 15.6016, 0.3137,
0.4634


 148.8524, 0.3160,
0.3883

 9.2426, 0.3109,
0.4922

185.1779, 0.3159,
0.3839

 4.8998, 0.3047,
0.5356

226.9789, 0.3158,
0.3801

 2.1886, 0.3048,
0.6401

274.6400, 0.3157,

 0.7138, 0.0000,

0.3768

1.0000

328.5455, 0.3156,
0.3739

0.0000, 0.0000,
0.0000

50.6185, 0.3160,
0.4163

50.6185, 0.3160,
0.4163

48.5851, 0.3163,
0.4497

52.9985, 0.3152,
0.3849

46.8757, 0.3160,
0.4839

55.7334, 0.3141,
0.3563

45.4754, 0.3149,
0.5170

58.8395, 0.3128,
0.3307


44.3653, 0.3131,
0.5466


62.3299, 0.3114,
0.3081

43.5242, 0.3105,
0.5706

66.2173, 0.3099,
0.2884

 42.9283, 0.3073,
0.5872

 70.1081, 0.3127,
0.2768

 42.5630, 0.3045,
0.5964

 70.7291, 0.3151,
0.2772

Harmonies

Analogous

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



50.6185, 0.3665, 0.4230



50.6185, 0.3160, 0.4163



50.6185, 0.2670, 0.3786

Triad

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



50.6185, 0.3160, 0.4163



50.6185, 0.2264, 0.2528



50.6185, 0.3995, 0.3229

Complementary

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



50.6185, 0.3160, 0.4163



34.2316, 0.3066, 0.2511

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.



50.6185, 0.3558, 0.2854



50.6185, 0.3160, 0.4163



50.6185, 0.2558, 0.2460

Square

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



50.6185, 0.3160, 0.4163



50.6185, 0.2181, 0.2801



50.6185, 0.3023, 0.2580



50.6185, 0.4175, 0.3643

Rectangle

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



50.6185, 0.3160, 0.4163



50.6185, 0.2416, 0.3437



50.6185, 0.3023, 0.2580



50.6185, 0.3872, 0.3096

Sweetspot

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



50.6207, 0.3160, 0.4163



95.1363, 0.3139, 0.3520



52.0102, 0.3621, 0.3934



20.2055, 0.3141, 0.3560



0.0000, 0.0000, 0.0000



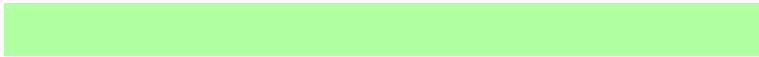
21.4041, 0.3127, 0.3290

Same Dimension

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



50.6207, 0.3160, 0.4163



83.2869, 0.3163, 0.4389



50.3846, 0.2949, 0.3876



12.6220, 0.3140, 0.3528



27.4093, 0.3051, 0.5959



1.4419, 0.3166, 0.5868

Inverse Universe

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



34.2316, 0.3066, 0.2511



51.0877, 0.3047, 0.2336



34.6612, 0.3365, 0.2770



11.3091, 0.3113, 0.3060



8.2456, 0.2810, 0.1321



0.4504, 0.2892, 0.1367

Previews

White Background



This preview shows how the Yxy color 50.6185, 0.3160, 0.4163 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 50.6185, 0.3160, 0.4163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

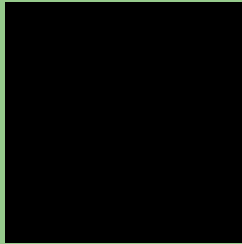
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.6185, 0.3160, 0.4163

Background



This preview shows how black text looks on a background with the Yxy color 50.6185, 0.3160, 0.4163.



This preview shows how white text looks on a background with the Yxy color 50.6185, 0.3160, 0.4163.

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

50.6185, 0.3160, 0.4163

Protanopia

50.2442, 0.3682, 0.3966

Deuteranopia

50.0590, 0.3795, 0.3706



Tritanopia

50.4248, 0.2781, 0.3083

Trichromacy



Original Color

50.6185, 0.3160, 0.4163

Protanomaly

49.9848, 0.3480, 0.4041

Deuteranomaly

49.5517, 0.3546, 0.3867

Tritanomaly

50.2096, 0.2920, 0.3451

Monochromacy



Original Color

50.6185, 0.3160, 0.4163

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

46.5821, 0.3138, 0.3591

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6185, 0.3160, 0.4163 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(150, 202, 140)` looks like.

```
.text, #text, p{  
    color:rgb(150, 202, 140)  
}
```

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(150, 202, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 202, 140) }
```

Border

The CSS property to change the border of an element to Yxy 50.6185, 0.3160, 0.4163 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(150, 202, 140) }
```

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

```
.border{ border-color:rgb(150, 202, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 202, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 202, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 202, 140);  
box-shadow:4px 4px 4px 4px rgb(150, 202,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6185, 0.3160, 0.4163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 202, 140) }
```

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

```
.background{ background-color: rgb(150,  
202, 140) }
```

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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