

Converting Colors

Yxy(59.7743, 0.3120, 0.3699)

Have a look what the booklet for
Yxy(59.7743, 0.3120, 0.3699)
contains.

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Color

Yxy(59.5465, 0.3116, 0.3692)

Conversions

Conversions Part 1

Format	Color
Hex	B4D3B3
RGB	180, 211, 179
RGB Percent	71%, 83%, 70%
CMY	0.2940, 0.1726, 0.2981
CMYK	0.15, 0.00, 0.15, 0.17
HSL	118°, 27%, 76%
HSV	118°, 15%, 83%
XYZ	50.2565, 59.5465, 51.4822
YIQ	198.0830, -8.2040, -16.5240

Conversions

Conversions Part 2

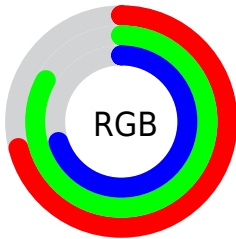
Format	Color
RYB	179, 211, 210
Decimal	11850675
CIELab	81.59, -16.33, 12.45
CIELCh	82, 20.539, 142.686
Yxy	59.5465, 0.3116, 0.3692
Android (android.graphics.Color)	4290040755 (0xFFB4D3B3)
YUV	198.0830, -9.4079, -15.8588
Hunter-Lab	77.1664, -18.7887, 14.4606

Details

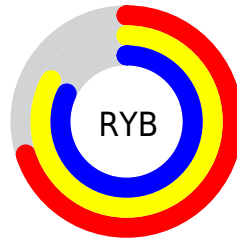
The Yxy color **59.5465, 0.3116, 0.3692** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **50.6309, 0.3136, 0.2917**, and the grayscale version is **56.5904, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3510, 0.3124, 0.3490**, and **29.7953, 0.3113, 0.3800** is the 20% darker color. If you saturate the color by 10%, you get **56.4872, 0.3106, 0.3999**, and if you desaturate by 10%, it is **63.1022, 0.3124, 0.3418**.

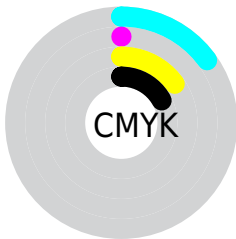
Distribution



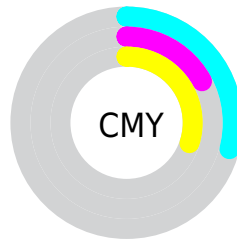
- Red (71%)
- Green (83%)
- Blue (70%)



- Red (70%)
- Yellow (83%)
- Blue (82%)



- Cyan (15%)
- Magenta (0%)
- Yellow (15%)
- Black (17%)





- Cyan (29%)
- Magenta (17%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5465, 0.3116, 0.3692 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 59.5465, 0.3116, 0.3692 by changing the saturation by 10% instead.

 59.5465, 0.3116,
0.3692

 59.5465, 0.3116,
0.3692


422.9242, 0.3124,
0.3494

 43.0532, 0.3113,
0.3740


 104.1715, 0.3119,
0.3621

 29.9269, 0.3110,
0.3802


133.0720, 0.3120,
0.3594

 19.7831, 0.3104,
0.3883


166.8771, 0.3121,
0.3571

 12.2375, 0.3095,
0.3995

205.9711, 0.3122,
0.3551

 6.9056, 0.3080,
0.4157

250.7384, 0.3123,
0.3534

 3.4031, 0.3051,
0.4415

301.5634, 0.3123,

 1.3456, 0.3048,

0.3519

0.4996

358.8305, 0.3124,
0.3506

0.1761, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.5465, 0.3116,
0.3692

59.5465, 0.3116,
0.3692

56.4872, 0.3106,
0.3999

63.1022, 0.3124,
0.3418

53.8951, 0.3095,
0.4335

67.1670, 0.3130,
0.3178

51.7496, 0.3081,
0.4688

71.7626, 0.3135,
0.2971

50.0253, 0.3066,
0.5042

75.0684, 0.3147,
0.2861

■ 48.6946, 0.3050,
0.5370

■ 47.7264, 0.3034,
0.5647

■ 47.0850, 0.3020,
0.5848

■ 46.7275, 0.3008,
0.5962

■ 46.6329, 0.3006,
0.5995

Harmonies

Analogous

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



59.5465, 0.3377, 0.3761



59.5465, 0.3116, 0.3692



59.5465, 0.2866, 0.3499

Triad

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



59.5465, 0.3116, 0.3692



59.5465, 0.2691, 0.2884



59.5465, 0.3584, 0.3304

Complementary

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



59.5465, 0.3116, 0.3692



50.6309, 0.3136, 0.2917

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.



59.5465, 0.3385, 0.3090



59.5465, 0.3116, 0.3692



59.5465, 0.2868, 0.2853

Square

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



59.5465, 0.3116, 0.3692



59.5465, 0.2627, 0.3025



59.5465, 0.3121, 0.2929



59.5465, 0.3654, 0.3522

Rectangle

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



59.5465, 0.3116, 0.3692



59.5465, 0.2737, 0.3334



59.5465, 0.3121, 0.2929



59.5465, 0.3529, 0.3229

Sweetspot

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



59.5490, 0.3116, 0.3692



96.9413, 0.3124, 0.3415



63.1626, 0.3355, 0.3652



20.6609, 0.3123, 0.3433



0.0000, 0.0000, 0.0000



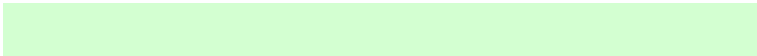
21.4041, 0.3127, 0.3290

Same Dimension

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



59.5490, 0.3116, 0.3692



89.9183, 0.3113, 0.3781



60.0616, 0.3009, 0.3501



13.2244, 0.3121, 0.3530



28.1517, 0.3008, 0.5994



1.5807, 0.3034, 0.5973

Inverse Universe

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



50.6309, 0.3136, 0.2917



73.8466, 0.3137, 0.2841



50.0700, 0.3265, 0.3088



11.9885, 0.3133, 0.3061



10.6037, 0.3128, 0.1497



0.5992, 0.3144, 0.1506

Previews

White Background



This preview shows how the Yxy color 59.5465, 0.3116, 0.3692 looks on a white background.

Color Contrast Check

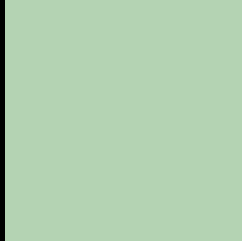
Large Text (above 18pt) WCAG AA × Fail

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 59.5465, 0.3116, 0.3692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

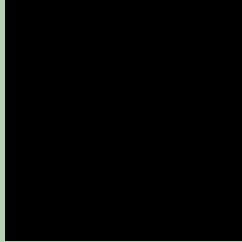
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

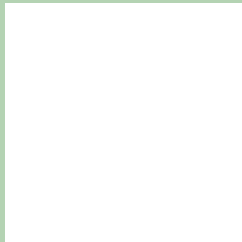
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.5465, 0.3116, 0.3692

Background



This preview shows how black text looks on a background with the Yxy color 59.5465, 0.3116, 0.3692.

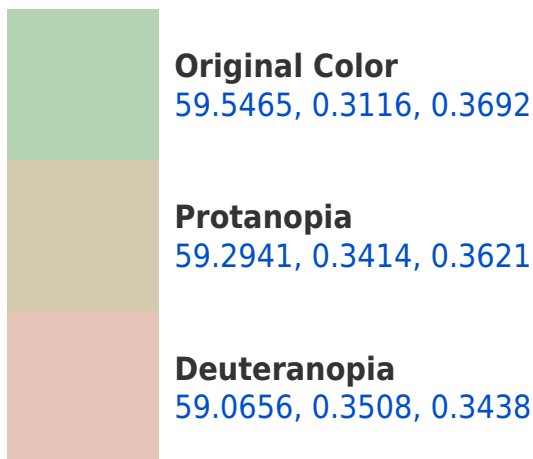


This preview shows how white text looks on a background with the Yxy color 59.5465, 0.3116, 0.3692.

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

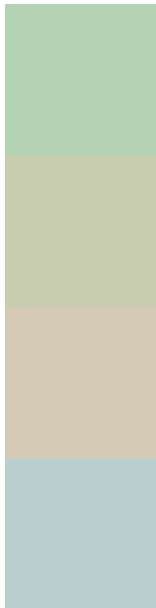




Tritanopia

59.4479, 0.2887, 0.3100

Trichromacy



Original Color

59.5465, 0.3116, 0.3692

Protanomaly

59.0766, 0.3297, 0.3642

Deuteranomaly

58.9584, 0.3355, 0.3526

Tritanomaly

59.2722, 0.2965, 0.3302

Monochromacy



Original Color

59.5465, 0.3116, 0.3692

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.5498, 0.3120, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5465, 0.3116, 0.3692 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(180, 211, 179)` looks like.

```
.text, #text, p{  
    color:rgb(180, 211, 179)  
}
```

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(180, 211, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 211, 179) }
```

Border

The CSS property to change the border of an element to Yxy 59.5465, 0.3116, 0.3692 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(180, 211, 179) }
```

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

```
.border{ border-color:rgb(180, 211, 179) }
```

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

Here you see how a box with a 4 pixel rgb(180, 211, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 211, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 211, 179);  
box-shadow:4px 4px 4px 4px rgb(180, 211,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5465, 0.3116, 0.3692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 211, 179) }
```

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

```
.background{ background-color: rgb(180,  
211, 179) }
```

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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