

Converting Colors

$Yxy(59.7868, 0.2862, 0.3661)$

Have a look what the booklet for
Yxy(59.7868, 0.2862, 0.3661)
contains.

Yxy(59.9319, 0.2866, 0.3667)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.9319, 0.2866, 0.3667)

Conversions

Conversions Part 1

Format	Color
Hex	98D9BC
RGB	152, 217, 188
RGB Percent	60%, 85%, 74%
CMY	0.4038, 0.1490, 0.2628
CMYK	0.30, 0.00, 0.13, 0.15
HSL	153°, 46%, 72%
HSV	153°, 30%, 85%
XYZ	46.8407, 59.9319, 56.6632
YIQ	194.2590, -29.4310, -22.7990

Conversions

Conversions Part 2

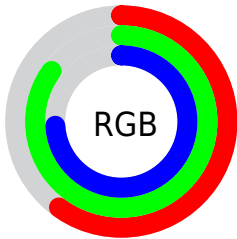
Format	Color
RYB	152, 194, 217
Decimal	10017212
CIELab	81.80, -26.62, 7.75
CIElCh	82, 27.722, 163.762
Yxy	59.9319, 0.2866, 0.3667
Android (android.graphics.Color)	4288207292 (0xFF98D9BC)
YUV	194.2590, -3.0857, -37.0611
Hunter-Lab	77.4157, -27.4753, 10.7946

Details

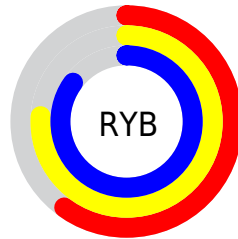
The Yxy color **59.9319, 0.2866, 0.3667** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.5563, 0.3498, 0.2943**, and the grayscale version is **54.1455, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4616, 0.2907, 0.3404**, and **30.2426, 0.2796, 0.3768** is the 20% darker color. If you saturate the color by 10%, you get **57.6239, 0.2792, 0.3818**, and if you desaturate by 10%, it is **62.6559, 0.2949, 0.3528**.

Distribution



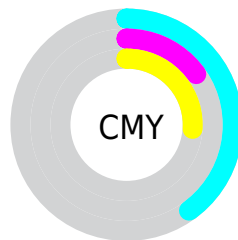
- Red (60%)
- Green (85%)
- Blue (74%)



- Red (60%)
- Yellow (76%)
- Blue (85%)



- Cyan (30%)
- Magenta (0%)
- Yellow (13%)
- Black (15%)





- Cyan (40%)
- Magenta (15%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9319, 0.2866, 0.3667 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 59.9319, 0.2866, 0.3667 by changing the saturation by 10% instead.


 59.9319, 0.2866,
0.3667

 59.9319, 0.2866,
0.3667


424.3467, 0.2993,
0.3482

 43.3637, 0.2835,
0.3712


 104.7309, 0.2912,
0.3600

 30.1706, 0.2796,
0.3770


 133.7305, 0.2929,
0.3575

 19.9681, 0.2745,
0.3846

167.6427, 0.2944,
0.3554

 12.3719, 0.2676,
0.3951

206.8519, 0.2956,
0.3535

 6.9975, 0.2575,
0.4103

251.7425, 0.2967,
0.3519

 3.4605, 0.2419,
0.4345

302.6989, 0.2977,

 1.3766, 0.2078,

0.3505

0.4832

360.1055, 0.2986,
0.3493

■ 0.1994, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9319, 0.2866,
0.3667

■ 59.9319, 0.2866,
0.3667

■ 57.6239, 0.2792,
0.3818

■ 62.6559, 0.2949,
0.3528

■ 55.7032, 0.2729,
0.3980

■ 65.8085, 0.3037,
0.3402

■ 54.1487, 0.2681,
0.4149

■ 69.4106, 0.3128,
0.3289

■ 52.9343, 0.2651,
0.4324

■ 73.4797, 0.3219,
0.3189

■ 52.0304, 0.2641,
0.4500

■ 76.9682, 0.3270,
0.3097

■ 51.4017, 0.2651,
0.4673

■ 77.5485, 0.3204,
0.3004

■ 50.9861, 0.2678,
0.4839

■ 78.1062, 0.3145,
0.2920

■ 50.9839, 0.2678,
0.4840

Harmonies

Analogous

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



59.9319, 0.3214, 0.3888



59.9319, 0.2866, 0.3667



59.9319, 0.2598, 0.3332

Triad

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



59.9319, 0.2866, 0.3667



59.9319, 0.2696, 0.2707



59.9319, 0.3832, 0.3508

Complementary

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



59.9319, 0.2866, 0.3667



40.5563, 0.3498, 0.2943

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.



59.9319, 0.3679, 0.3215



59.9319, 0.2866, 0.3667



59.9319, 0.3008, 0.2770

Square

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



59.9319, 0.2866, 0.3667



59.9319, 0.2505, 0.2786



59.9319, 0.3371, 0.2951



59.9319, 0.3782, 0.3768

Rectangle

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



59.9319, 0.2866, 0.3667



59.9319, 0.2495, 0.3107



59.9319, 0.3371, 0.2951



59.9319, 0.3803, 0.3411

Sweetspot

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



59.9344, 0.2866, 0.3667



95.2614, 0.3045, 0.3392



61.7502, 0.3299, 0.4106



20.2368, 0.3031, 0.3410



0.0000, 0.0000, 0.0000



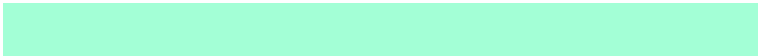
21.4041, 0.3127, 0.3290

Same Dimension

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



59.9344, 0.2866, 0.3667



84.1824, 0.2817, 0.3762



59.6559, 0.2693, 0.3248



14.7262, 0.3041, 0.3396



30.8843, 0.2671, 0.4816



2.0181, 0.2595, 0.4543

Inverse Universe

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



40.5563, 0.3498, 0.2943



51.8950, 0.3607, 0.2867



40.5553, 0.3783, 0.3332



13.1477, 0.3222, 0.3186



9.4722, 0.5174, 0.2624



0.6308, 0.4773, 0.2403

Previews

White Background



This preview shows how the Yxy color 59.9319, 0.2866, 0.3667 looks on a white background.

Color Contrast Check

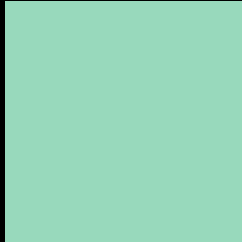
Large Text (above 18pt) WCAG AA × Fail

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 59.9319, 0.2866, 0.3667 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

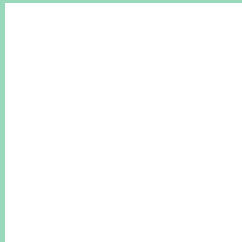
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9319, 0.2866, 0.3667

Background



This preview shows how black text looks on a background with the Yxy color 59.9319, 0.2866, 0.3667.



This preview shows how white text looks on a background with the Yxy color 59.9319, 0.2866, 0.3667.

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

59.9319, 0.2866, 0.3667

Protanopia

59.3852, 0.3361, 0.3550

Deuteranopia

59.4544, 0.3401, 0.3336



Tritanopia

59.6636, 0.2675, 0.3081

Trichromacy



Original Color

59.9319, 0.2866, 0.3667



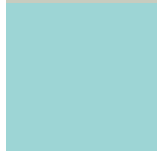
Protanomaly

58.9917, 0.3166, 0.3586



Deuteranomaly

59.0894, 0.3182, 0.3446



Tritanomaly

59.5607, 0.2745, 0.3289

Monochromacy



Original Color

59.9319, 0.2866, 0.3667



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

55.6305, 0.3022, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9319, 0.2866, 0.3667 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(152, 217, 188)` looks like.

```
.text, #text, p{  
    color:rgb(152, 217, 188)  
}
```

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(152, 217, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 217, 188) }
```

Border

The CSS property to change the border of an element to Yxy 59.9319, 0.2866, 0.3667 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(152, 217, 188) }
```

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

```
.border{ border-color:rgb(152, 217, 188) }
```

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

Here you see how a box with a 4 pixel rgb(152, 217, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 217, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 217, 188);  
box-shadow:4px 4px 4px 4px rgb(152, 217,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9319, 0.2866, 0.3667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 217, 188) }
```

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

```
.background{ background-color: rgb(152,  
217, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor