

Converting Colors

$Yxy(51.9018, 0.2865, 0.3371)$

Have a look what the booklet for
Yxy(51.9018, 0.2865, 0.3371)
contains.

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Color

Yxy(51.9662, 0.2862, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	9EC7C1
RGB	158, 199, 193
RGB Percent	62%, 78%, 76%
CMY	0.3802, 0.2196, 0.2430
CMYK	0.21, 0.00, 0.03, 0.22
HSL	171°, 27%, 70%
HSV	171°, 21%, 78%
XYZ	44.1589, 51.9662, 58.1688
YIQ	186.0570, -22.5100, -10.5580

Conversions

Conversions Part 2

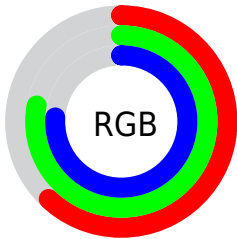
Format	Color
R_YB	158, 180, 199
Decimal	10405825
CIE Lab	77.26, -14.73, -1.49
CIE LCh	77, 14.806, 185.772
Yxy	51.9662, 0.2862, 0.3368
Android (android.graphics.Color)	4288595905 (0xFF9EC7C1)
YUV	186.0570, 3.4229, -24.6060
Hunter-Lab	72.0876, -16.8090, 2.6191

Details

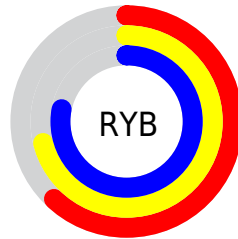
The Yxy color **51.9662, 0.2862, 0.3368** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.2931, 0.3475, 0.3214**, and the grayscale version is **49.1332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5057, 0.2909, 0.3351**, and **25.2084, 0.2789, 0.3380** is the 20% darker color. If you saturate the color by 10%, you get **49.9821, 0.2746, 0.3411**, and if you desaturate by 10%, it is **54.2839, 0.2987, 0.3328**.

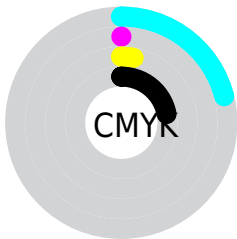
Distribution



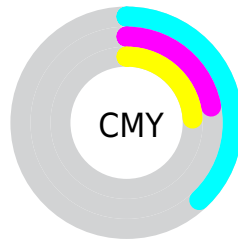
- Red (62%)
- Green (78%)
- Blue (76%)



- Red (62%)
- Yellow (71%)
- Blue (78%)



- Cyan (21%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)




- Cyan (38%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9662, 0.2862, 0.3368 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 51.9662, 0.2862, 0.3368 by changing the saturation by 10% instead.


 51.9662, 0.2862,
0.3368

 51.9662, 0.2862,
0.3368


394.3061, 0.2992,
0.3330

 36.9781, 0.2830,
0.3377


 93.0814, 0.2908,
0.3355

 25.1906, 0.2790,
0.3388


 119.9773, 0.2926,
0.3350

 16.2191, 0.2738,
0.3403


151.6113, 0.2941,
0.3345

 9.6793, 0.2666,
0.3423

188.3677, 0.2954,
0.3341

 5.1869, 0.2562,
0.3451

230.6311, 0.2965,
0.3338

 2.3573, 0.2399,
0.3494

278.7856, 0.2975,

 0.8038, 0.1849,

0.3335

0.3674

333.2158, 0.2984,
0.3333

0.0000, 0.0000,
0.0000

51.9662, 0.2862,
0.3368

51.9662, 0.2862,
0.3368

49.9821, 0.2746,
0.3411

54.2839, 0.2987,
0.3328

48.3095, 0.2642,
0.3457

56.9434, 0.3119,
0.3292

46.9334, 0.2553,
0.3505

59.9606, 0.3255,
0.3259

45.8353, 0.2481,
0.3555

63.3486, 0.3393,
0.3230

44.9945, 0.2428,
0.3606

66.6333, 0.3509,
0.3203

■ 44.3871, 0.2393,
0.3658

■ 66.7770, 0.3486,
0.3174

■ 43.9852, 0.2378,
0.3709

■ 66.9232, 0.3463,
0.3144

■ 43.7446, 0.2377,
0.3757

■ 67.0721, 0.3441,
0.3115

■ 67.2236, 0.3418,
0.3086

Harmonies

Analogous

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



51.9662, 0.3034, 0.3536



51.9662, 0.2862, 0.3368



51.9662, 0.2762, 0.3183

Triad

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



51.9662, 0.2862, 0.3368



51.9662, 0.3011, 0.2972



51.9662, 0.3512, 0.3532

Complementary

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



51.9662, 0.2862, 0.3368



39.2931, 0.3475, 0.3214

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.



51.9662, 0.3507, 0.3378



51.9662, 0.2862, 0.3368



51.9662, 0.3213, 0.3061

Square

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



51.9662, 0.2862, 0.3368



51.9662, 0.2846, 0.2961



51.9662, 0.3396, 0.3207



51.9662, 0.3410, 0.3628

Rectangle

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



51.9662, 0.2862, 0.3368



51.9662, 0.2747, 0.3077



51.9662, 0.3396, 0.3207



51.9662, 0.3523, 0.3485

Sweetspot

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



51.9683, 0.2862, 0.3368



97.0700, 0.3046, 0.3312



51.2260, 0.3149, 0.3845



20.7117, 0.3037, 0.3314



0.0000, 0.0000, 0.0000



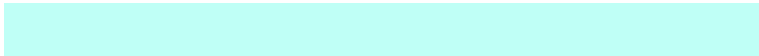
21.4041, 0.3127, 0.3290

Same Dimension

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



51.9683, 0.2862, 0.3368



89.2648, 0.2805, 0.3388



45.9541, 0.2811, 0.3098



12.0400, 0.3003, 0.3324



28.1418, 0.2375, 0.3750



1.3400, 0.2346, 0.3644

Inverse Universe

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



39.2931, 0.3475, 0.3214



62.8262, 0.3581, 0.3195



44.2613, 0.3498, 0.3475



10.6617, 0.3267, 0.3257



7.8727, 0.6186, 0.3181



0.3811, 0.5690, 0.2908

Previews

White Background



This preview shows how the Yxy color 51.9662, 0.2862, 0.3368 looks on a white background.

Color Contrast Check

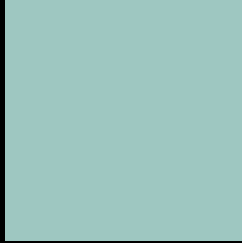
Large Text (above 18pt) WCAG AA × Fail

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 51.9662, 0.2862, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

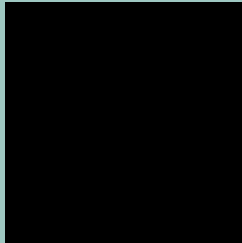
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

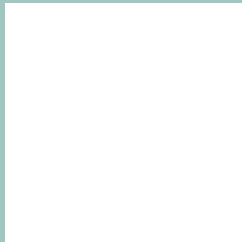
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.9662, 0.2862, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 51.9662, 0.2862, 0.3368.



This preview shows how white text looks on a background with the Yxy color 51.9662, 0.2862, 0.3368.

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

51.9662, 0.2862, 0.3368

Protanopia

51.4954, 0.3176, 0.3303

Deuteranopia

51.3883, 0.3218, 0.3146



Tritanopia

51.9147, 0.2764, 0.3085

Trichromacy



Original Color

51.9662, 0.2862, 0.3368

Protanomaly

51.6814, 0.3054, 0.3328

Deuteranomaly

51.1541, 0.3082, 0.3215

Tritanomaly

51.9173, 0.2803, 0.3186

Monochromacy



Original Color

51.9662, 0.2862, 0.3368

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.1658, 0.3022, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9662, 0.2862, 0.3368 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(158, 199, 193)` looks like.

```
.text, #text, p{  
    color:rgb(158, 199, 193)  
}
```

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(158, 199, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 199, 193) }
```

Border

The CSS property to change the border of an element to Yxy 51.9662, 0.2862, 0.3368 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(158, 199, 193) }
```

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

```
.border{ border-color:rgb(158, 199, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 199, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 199, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 199, 193);  
box-shadow:4px 4px 4px 4px rgb(158, 199,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9662, 0.2862, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 199, 193) }
```

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

```
.background{ background-color: rgb(158,  
199, 193) }
```

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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