

Converting Colors

$Yxy(50.8640, 0.2792, 0.3255)$

Have a look what the booklet for
Yxy(50.8640, 0.2792, 0.3255)
contains.

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Color

Yxy(50.9261, 0.2793, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	9AC5C7
RGB	154, 197, 199
RGB Percent	60%, 77%, 78%
CMY	0.3963, 0.2274, 0.2197
CMYK	0.23, 0.01, 0.00, 0.22
HSL	183°, 29%, 69%
HSV	183°, 23%, 78%
XYZ	43.5907, 50.9261, 61.5546
YIQ	184.3710, -26.2700, -8.4940

Conversions

Conversions Part 2

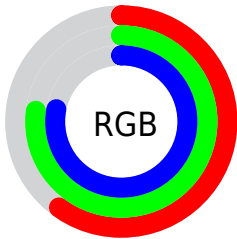
Format	Color
RYB	154, 176, 199
Decimal	10143175
CIELab	76.63, -13.70, -5.66
CIELCh	77, 14.821, 202.443
Yxy	50.9261, 0.2793, 0.3263
Android (android.graphics.Color)	4288333255 (0xFF9AC5C7)
YUV	184.3710, 7.2121, -26.6354
Hunter-Lab	71.3625, -15.8503, -1.1875

Details

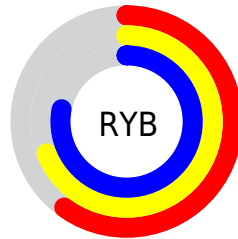
The Yxy color **50.9261, 0.2793, 0.3263** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.2149, 0.3580, 0.3317**, and the grayscale version is **48.1130, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6589, 0.2854, 0.3279**, and **24.5140, 0.2708, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **48.7428, 0.2661, 0.3250**, and if you desaturate by 10%, it is **53.4394, 0.2936, 0.3276**.

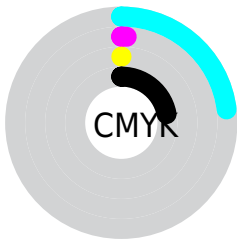
Distribution



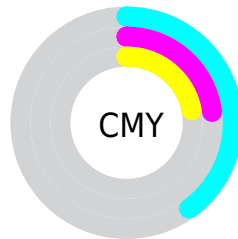
- Red (60%)
- Green (77%)
- Blue (78%)



- Red (60%)
- Yellow (69%)
- Blue (78%)



- Cyan (23%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)





- Cyan (40%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9261, 0.2793, 0.3263 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 50.9261, 0.2793, 0.3263 by changing the saturation by 10% instead.


 50.9261, 0.2793,
0.3263


 50.9261, 0.2793,
0.3263

390.2766, 0.2956,
0.3278

 36.1498, 0.2753,
0.3259


 91.5455, 0.2851,
0.3269

 24.5499, 0.2703,
0.3253


 118.1574, 0.2874,
0.3271

 15.7420, 0.2638,
0.3245


149.4834, 0.2892,
0.3273

 9.3418, 0.2548,
0.3232

185.9076, 0.2909,
0.3274

 4.9648, 0.2420,
0.3212

227.8147, 0.2923,
0.3276

 2.2266, 0.2219,
0.3174

275.5890, 0.2935,

 0.7344, 0.1573,

0.3277

0.3176

329.6148, 0.2946,
0.3278

0.0000, 0.0000,
0.0000

50.9261, 0.2793,
0.3263

50.9261, 0.2793,
0.3263

48.7428, 0.2661,
0.3250

53.4394, 0.2936,
0.3276

46.8674, 0.2544,
0.3236

56.2913, 0.3086,
0.3287

45.2846, 0.2442,
0.3221

59.4978, 0.3242,
0.3298

43.9755, 0.2359,
0.3207

63.0721, 0.3401,
0.3307

42.9186, 0.2295,
0.3192

67.0266, 0.3559,
0.3316

■ 42.0898, 0.2249,
0.3178

■ 67.7299, 0.3570,
0.3325

■ 41.4595, 0.2222,
0.3163

■ 68.1389, 0.3568,
0.3334

■ 41.0829, 0.2209,
0.3153

■ 68.5501, 0.3566,
0.3343

■ 68.9636, 0.3564,
0.3351

Harmonies

Analogous

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



50.9261, 0.2930, 0.3450



50.9261, 0.2793, 0.3263



50.9261, 0.2743, 0.3092

Triad

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



50.9261, 0.2793, 0.3263



50.9261, 0.3122, 0.3011



50.9261, 0.3470, 0.3598

Complementary

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



50.9261, 0.2793, 0.3263



38.2149, 0.3580, 0.3317

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.



50.9261, 0.3527, 0.3470



50.9261, 0.2793, 0.3263



50.9261, 0.3322, 0.3136

Square

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



50.9261, 0.2793, 0.3263



50.9261, 0.2929, 0.2954



50.9261, 0.3472, 0.3302



50.9261, 0.3320, 0.3646

Rectangle

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



50.9261, 0.2793, 0.3263



50.9261, 0.2765, 0.3009



50.9261, 0.3472, 0.3302



50.9261, 0.3501, 0.3562

Sweetspot

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



50.9282, 0.2793, 0.3263



96.2747, 0.3018, 0.3282



50.0848, 0.3087, 0.3896



20.5411, 0.3009, 0.3281



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.



50.9282, 0.2793, 0.3263



87.2973, 0.2729, 0.3257



41.6307, 0.2770, 0.2961



11.9852, 0.2984, 0.3279



26.4565, 0.2210, 0.3155



1.2778, 0.2218, 0.3184

Inverse Universe

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



39.2626, 0.3171, 0.2756



63.4692, 0.3181, 0.2642



46.2968, 0.3520, 0.3598



10.8083, 0.3144, 0.3072



10.2108, 0.3320, 0.1603



0.4860, 0.3295, 0.1589

Previews

White Background



This preview shows how the Yxy color 50.9261, 0.2793, 0.3263 looks on a white background.

Color Contrast Check

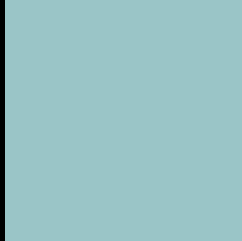
Large Text (above 18pt) WCAG AA × Fail

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 50.9261, 0.2793, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

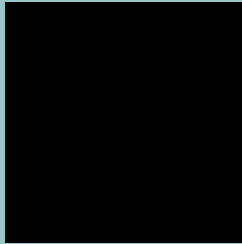
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

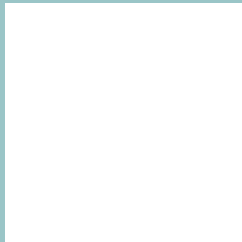
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.9261, 0.2793, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 50.9261, 0.2793, 0.3263.

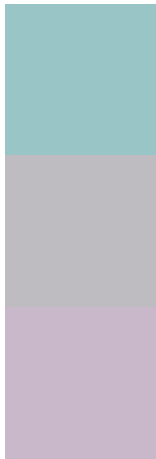


This preview shows how white text looks on a background with the Yxy color 50.9261, 0.2793, 0.3263.

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

50.9261, 0.2793, 0.3263

Protanopia

50.7638, 0.3105, 0.3228

Deuteranopia

50.5487, 0.3130, 0.3061



Tritanopia

50.8013, 0.2729, 0.3082

Trichromacy



Original Color

50.9261, 0.2793, 0.3263

Protanomaly

50.5488, 0.2986, 0.3238

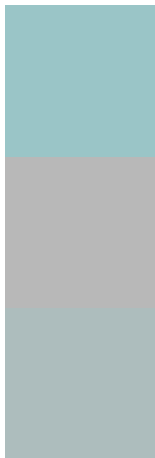
Deuteranomaly

50.3738, 0.2998, 0.3127

Tritanomaly

50.9534, 0.2748, 0.3145

Monochromacy



Original Color

50.9261, 0.2793, 0.3263

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.9536, 0.2998, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9261, 0.2793, 0.3263 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(154, 197, 199)` looks like.

```
.text, #text, p{  
    color:rgb(154, 197, 199)  
}
```

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(154, 197, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 197, 199) }
```

Border

The CSS property to change the border of an element to Yxy 50.9261, 0.2793, 0.3263 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(154, 197, 199) }
```

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

```
.border{ border-color:rgb(154, 197, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 197, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 197, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 197, 199);  
box-shadow:4px 4px 4px 4px rgb(154, 197,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9261, 0.2793, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 197, 199) }
```

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

```
.background{ background-color: rgb(154,  
197, 199) }
```

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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