

Converting Colors

Yxy(52.7460, 0.2842, 0.3263)

Have a look what the booklet for
Yxy(52.7460, 0.2842, 0.3263)
contains.

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Color

Yxy(52.8504, 0.2845, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	A3C7C9
RGB	163, 199, 201
RGB Percent	64%, 78%, 79%
CMY	0.3606, 0.2196, 0.2117
CMYK	0.19, 0.01, 0.00, 0.21
HSL	183°, 26%, 71%
HSV	183°, 19%, 79%
XYZ	46.0801, 52.8504, 63.0382
YIQ	188.4640, -22.0980, -7.0100

Conversions

Conversions Part 2

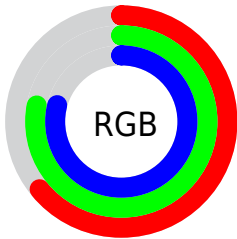
Format	Color
RYB	163, 181, 201
Decimal	10733513
CIELab	77.79, -11.46, -4.99
CIELCh	78, 12.500, 203.526
Yxy	52.8504, 0.2845, 0.3263
Android (android.graphics.Color)	4288923593 (0xFFA3C7C9)
YUV	188.4640, 6.1802, -22.3319
Hunter-Lab	72.6983, -14.0790, -0.5228

Details

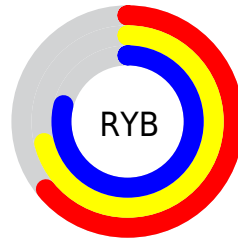
The Yxy color **52.8504, 0.2845, 0.3263** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.0061, 0.3488, 0.3317**, and the grayscale version is **50.5478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **25.7369, 0.2775, 0.3254** is the 20% darker color. If you saturate the color by 10%, you get **50.4042, 0.2708, 0.3247**, and if you desaturate by 10%, it is **55.6417, 0.2991, 0.3278**.

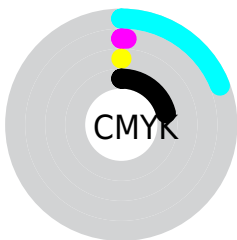
Distribution



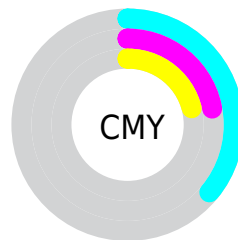
- Red (64%)
- Green (78%)
- Blue (79%)



- Red (64%)
- Yellow (71%)
- Blue (79%)



- Cyan (19%)
- Magenta (1%)
- Yellow (0%)
- Black (21%)




- Cyan (36%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8504, 0.2845, 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 52.8504, 0.2845, 0.3263 by changing the saturation by 10% instead.


 52.8504, 0.2845,
0.3263

 52.8504, 0.2845,
0.3263


397.7109, 0.2982,
0.3278

 37.6834, 0.2812,
0.3259


 94.3842, 0.2894,
0.3269

 25.7370, 0.2770,
0.3254


 121.5197, 0.2913,
0.3271

 16.6270, 0.2716,
0.3246


153.4136, 0.2928,
0.3272

 9.9689, 0.2641,
0.3236

190.4501, 0.2942,
0.3274

 5.3784, 0.2535,
0.3219

233.0137, 0.2954,
0.3275

 2.4709, 0.2370,
0.3188

281.4888, 0.2965,

 0.8620, 0.1979,

0.3276

0.3162

336.2597, 0.2974,
0.3277

0.0000, 0.0000,
0.0000

52.8504, 0.2845,
0.3263

52.8504, 0.2845,
0.3263

50.4042, 0.2708,
0.3247

55.6417, 0.2991,
0.3278

48.2807, 0.2584,
0.3230

58.7865, 0.3145,
0.3291

46.4649, 0.2476,
0.3213

62.3008, 0.3302,
0.3304

44.9380, 0.2384,
0.3195

66.1979, 0.3460,
0.3315

43.6791, 0.2311,
0.3177

68.8294, 0.3549,
0.3326

■ 42.6646, 0.2258,
0.3159

■ 69.3418, 0.3547,
0.3337

■ 41.8666, 0.2223,
0.3141

■ 69.8577, 0.3545,
0.3348

■ 41.2392, 0.2203,
0.3124

■ 70.3772, 0.3543,
0.3359

■ 41.1726, 0.2201,
0.3122

■ 70.9002, 0.3540,
0.3369

Harmonies

Analogous

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



52.8504, 0.2958, 0.3417



52.8504, 0.2845, 0.3263



52.8504, 0.2806, 0.3121

Triad

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



52.8504, 0.2845, 0.3263



52.8504, 0.3130, 0.3059



52.8504, 0.3409, 0.3550

Complementary

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



52.8504, 0.2845, 0.3263



42.0061, 0.3488, 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.



52.8504, 0.3459, 0.3446



52.8504, 0.2845, 0.3263



52.8504, 0.3295, 0.3166

Square

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



52.8504, 0.2845, 0.3263



52.8504, 0.2967, 0.3009



52.8504, 0.3417, 0.3306



52.8504, 0.3283, 0.3585

Rectangle

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



52.8504, 0.2845, 0.3263



52.8504, 0.2826, 0.3053



52.8504, 0.3417, 0.3306



52.8504, 0.3436, 0.3521

Sweetspot

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



52.8526, 0.2845, 0.3263



96.6934, 0.3034, 0.3282



52.2874, 0.3090, 0.3775



20.6223, 0.3024, 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.



52.8526, 0.2845, 0.3263



88.5437, 0.2783, 0.3256



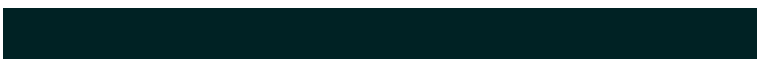
44.7090, 0.2831, 0.3013



11.9669, 0.2984, 0.3277



25.9275, 0.2201, 0.3125



1.2580, 0.2211, 0.3161

Inverse Universe

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



42.7578, 0.3166, 0.2850



67.9182, 0.3176, 0.2744



49.3194, 0.3446, 0.3553



10.8065, 0.3146, 0.3074



10.1574, 0.3346, 0.1617



0.4840, 0.3315, 0.1600

Previews

White Background



This preview shows how the Yxy color 52.8504, 0.2845, 0.3263 looks on a white background.

Color Contrast Check

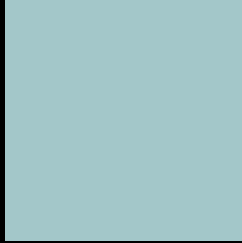
Large Text (above 18pt) WCAG AA × Fail

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 52.8504, 0.2845, 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

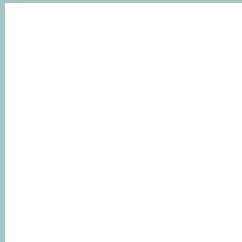
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.8504, 0.2845, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 52.8504, 0.2845, 0.3263.



This preview shows how white text looks on a background with the Yxy color 52.8504, 0.2845, 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

52.8504, 0.2845, 0.3263

Protanopia

52.7165, 0.3114, 0.3229

Deuteranopia

52.4566, 0.3145, 0.3076



Tritanopia

52.7359, 0.2780, 0.3087

Trichromacy



Original Color

52.8504, 0.2845, 0.3263

Protanomaly

52.7281, 0.3011, 0.3240

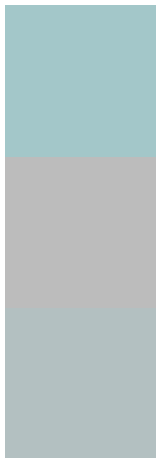
Deuteranomaly

52.5205, 0.3030, 0.3142

Tritanomaly

52.8841, 0.2799, 0.3149

Monochromacy



Original Color

52.8504, 0.2845, 0.3263

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.1332, 0.3016, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8504, 0.2845, 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(163, 199, 201)` looks like.

```
.text, #text, p{  
    color:rgb(163, 199, 201)  
}
```

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(163, 199, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 199, 201) }
```

Border

The CSS property to change the border of an element to Yxy 52.8504, 0.2845, 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(163, 199, 201) }
```

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

```
.border{ border-color:rgb(163, 199, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 199, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 199, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 199, 201);  
box-shadow:4px 4px 4px 4px rgb(163, 199,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8504, 0.2845, 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(163, 199, 201) }
```

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

```
.background{ background-color: rgb(163,  
199, 201) }
```

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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