

Converting Colors

$Y_{xy}(52.7245, 0.2842, 0.3380)$

Have a look what the booklet for
Yxy(52.7245, 0.2842, 0.3380)
contains.

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Color

Yxy(52.7363, 0.2843, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	9CC9C2
RGB	156, 201, 194
RGB Percent	61%, 79%, 76%
CMY	0.3882, 0.2117, 0.2393
CMYK	0.22, 0.00, 0.03, 0.21
HSL	171°, 29%, 70%
HSV	171°, 22%, 79%
XYZ	44.3315, 52.7363, 58.8644
YIQ	186.7470, -24.5730, -11.7170

Conversions

Conversions Part 2

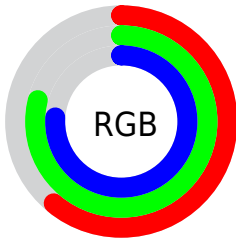
Format	Color
RYB	156, 180, 201
Decimal	10275266
CIELab	77.72, -16.20, -1.34
CIELCh	78, 16.258, 184.738
Yxy	52.7363, 0.2843, 0.3382
Android (android.graphics.Color)	4288465346 (0xFF9CC9C2)
YUV	186.7470, 3.5757, -26.9651
Hunter-Lab	72.6198, -18.1173, 2.7743

Details

The Yxy color **52.7363, 0.2843, 0.3382** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.8408, 0.3510, 0.3201**, and the grayscale version is **49.5340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2710, 0.2892, 0.3341**, and **25.7039, 0.2774, 0.3416** is the 20% darker color. If you saturate the color by 10%, you get **50.7567, 0.2730, 0.3429**, and if you desaturate by 10%, it is **55.0550, 0.2966, 0.3339**.

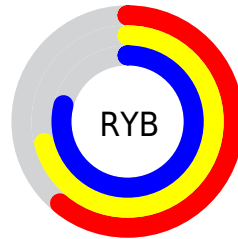
Distribution



Red (61%)

Green (79%)

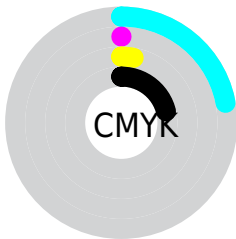
Blue (76%)



Red (61%)

Yellow (71%)

Blue (79%)

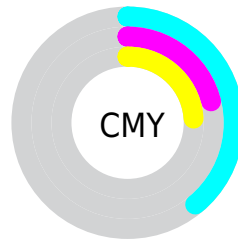


Cyan (22%)

Magenta (0%)

Yellow (3%)

Black (21%)



Cyan (39%)

Magenta (21%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7363, 0.2843, 0.3382 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 52.7363, 0.2843, 0.3382 by changing the saturation by 10% instead.

 52.7363, 0.2843,
0.3382

 52.7363, 0.2843,
0.3382


397.2726, 0.2982,
0.3338

 37.5923, 0.2809,
0.3393


 94.2162, 0.2893,
0.3366

 25.6664, 0.2767,
0.3406


 121.3209, 0.2911,
0.3360

 16.5743, 0.2711,
0.3423


153.1813, 0.2927,
0.3355

 9.9314, 0.2635,
0.3447

190.1818, 0.2941,
0.3351

 5.3535, 0.2525,
0.3480

232.7068, 0.2953,
0.3347

 2.4561, 0.2354,
0.3530

281.1407, 0.2964,

 0.8545, 0.1814,

0.3343

0.3721

335.8678, 0.2973,
0.3340

0.0000, 0.0000,
0.0000

52.7363, 0.2843,
0.3382

52.7363, 0.2843,
0.3382

50.7567, 0.2730,
0.3429

55.0550, 0.2966,
0.3339

49.0934, 0.2629,
0.3479

57.7216, 0.3095,
0.3299

47.7309, 0.2544,
0.3531


60.7525, 0.3229,
0.3263

46.6497, 0.2476,
0.3585


64.1611, 0.3365,
0.3231

45.8280, 0.2427,
0.3641


67.6741, 0.3488,
0.3202


 45.2410, 0.2398,
0.3696

 67.8320, 0.3464,
0.3170

 44.8586, 0.2386,
0.3752

 67.9929, 0.3440,
0.3138

 44.6636, 0.2387,
0.3794

 68.1570, 0.3415,
0.3107

 68.3241, 0.3391,
0.3075

Harmonies

Analogous

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



52.7363, 0.3032, 0.3565



52.7363, 0.2843, 0.3382



52.7363, 0.2731, 0.3178

Triad

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



52.7363, 0.2843, 0.3382



52.7363, 0.2993, 0.2942



52.7363, 0.3550, 0.3548

Complementary

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



52.7363, 0.2843, 0.3382



38.8408, 0.3510, 0.3201

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.



52.7363, 0.3540, 0.3378



52.7363, 0.2843, 0.3382



52.7363, 0.3213, 0.3036

Square

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



52.7363, 0.2843, 0.3382



52.7363, 0.2815, 0.2932



52.7363, 0.3415, 0.3193



52.7363, 0.3442, 0.3658

Rectangle

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



52.7363, 0.2843, 0.3382



52.7363, 0.2712, 0.3062



52.7363, 0.3415, 0.3193



52.7363, 0.3560, 0.3496

Sweetspot

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



52.7385, 0.2843, 0.3382



96.5919, 0.3034, 0.3317



52.0166, 0.3156, 0.3900



20.6149, 0.3026, 0.3320



0.0000, 0.0000, 0.0000



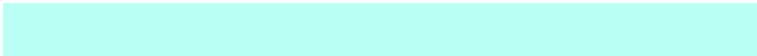
21.4041, 0.3127, 0.3290

Same Dimension

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



52.7385, 0.2843, 0.3382



88.5240, 0.2785, 0.3405



46.4051, 0.2783, 0.3089



12.0380, 0.3004, 0.3326



28.0915, 0.2385, 0.3786



1.3380, 0.2353, 0.3671

Inverse Universe

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



38.8408, 0.3510, 0.3201



60.4682, 0.3623, 0.3180



43.9454, 0.3539, 0.3483



10.6635, 0.3265, 0.3254



7.8801, 0.6163, 0.3169



0.3819, 0.5647, 0.2884

Previews

White Background



This preview shows how the Yxy color 52.7363, 0.2843, 0.3382 looks on a white background.

Color Contrast Check

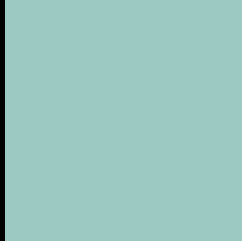
Large Text (above 18pt) WCAG AA × Fail

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 52.7363, 0.2843, 0.3382 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

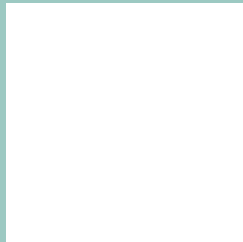
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7363, 0.2843, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 52.7363, 0.2843, 0.3382.



This preview shows how white text looks on a background with the Yxy color 52.7363, 0.2843, 0.3382.

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

52.7363, 0.2843, 0.3382

Protanopia

52.6282, 0.3191, 0.3327

Deuteranopia

52.4144, 0.3217, 0.3159



Tritanopia

52.7168, 0.2741, 0.3085

Trichromacy



Original Color

52.7363, 0.2843, 0.3382

Protanomaly

52.5717, 0.3053, 0.3353

Deuteranomaly

51.9385, 0.3066, 0.3228

Tritanomaly

52.7228, 0.2779, 0.3186

Monochromacy



Original Color

52.7363, 0.2843, 0.3382

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.6471, 0.3014, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7363, 0.2843, 0.3382 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(156, 201, 194)` looks like.

```
.text, #text, p{  
    color:rgb(156, 201, 194)  
}
```

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(156, 201, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 201, 194) }
```

Border

The CSS property to change the border of an element to Yxy 52.7363, 0.2843, 0.3382 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(156, 201, 194) }
```

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

```
.border{ border-color:rgb(156, 201, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 201, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 201, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 201, 194);  
box-shadow:4px 4px 4px 4px rgb(156, 201,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7363, 0.2843, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 201, 194) }
```

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

```
.background{ background-color: rgb(156,  
201, 194) }
```

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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