

Converting Colors

$Yxy(53.7652, 0.2768, 0.3237)$

Have a look what the booklet for
Yxy(53.7652, 0.2768, 0.3237)
contains.

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Color

Yxy(53.7652, 0.2768, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	9CCACE
RGB	156, 202, 206
RGB Percent	61%, 79%, 81%
CMY	0.3882, 0.2078, 0.1921
CMYK	0.24, 0.02, 0.00, 0.19
HSL	185°, 34%, 71%
HSV	185°, 24%, 81%
XYZ	45.9753, 53.7652, 66.3553
YIQ	188.7020, -28.7000, -8.5080

Conversions

Conversions Part 2

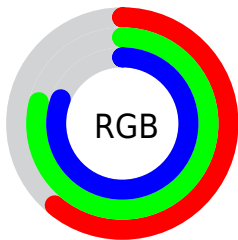
Format	Color
R _{YB}	156, 180, 206
Decimal	10275534
CIE _{Lab}	78.32, -14.08, -6.94
CIE _{LCh}	78, 15.694, 206.228
Yxy	53.7652, 0.2768, 0.3237
Android (android.graphics.Color)	4288465614 (0xFF9CCACE)
YUV	188.7020, 8.5279, -28.6797
Hunter-Lab	73.3248, -16.3972, -2.3272

Details

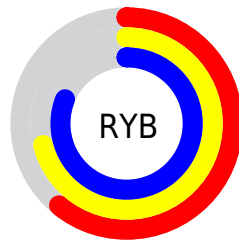
The Yxy color **53.7652, 0.2768, 0.3237** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.6791, 0.3618, 0.3342**, and the grayscale version is **50.6761, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **26.3304, 0.2671, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **51.1108, 0.2636, 0.3212**, and if you desaturate by 10%, it is **56.7809, 0.2911, 0.3260**.

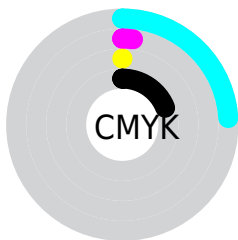
Distribution



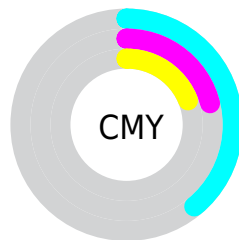
- Red (61%)
- Green (79%)
- Blue (81%)



- Red (61%)
- Yellow (71%)
- Blue (81%)



- Cyan (24%)
- Magenta (2%)
- Yellow (0%)
- Black (19%)





- Cyan (39%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7652, 0.2768, 0.3237 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 53.7652, 0.2768, 0.3237 by changing the saturation by 10% instead.


 53.7652, 0.2768,
0.3237


 53.7652, 0.2768,
0.3237


401.2140, 0.2941,
0.3265

 38.4140, 0.2726,
0.3229


 95.7294, 0.2830,
0.3248

 26.3041, 0.2674,
0.3220


 123.1112, 0.2853,
0.3252

 17.0513, 0.2606,
0.3206


155.2719, 0.2873,
0.3255

 10.2711, 0.2515,
0.3187


192.5960, 0.2891,
0.3258

 5.5791, 0.2384,
0.3156

235.4679, 0.2906,
0.3260

 2.5909, 0.2185,
0.3103

284.2719, 0.2919,

 0.9221, 0.1749,

0.3262

0.3030

339.3925, 0.2931,
0.3264

0.0000, 0.0000,
0.0000

53.7652, 0.2768,
0.3237

53.7652, 0.2768,
0.3237

51.1108, 0.2636,
0.3212

56.7809, 0.2911,
0.3260

48.7934, 0.2517,
0.3187

60.1677, 0.3061,
0.3281

46.7963, 0.2414,
0.3160

63.9431, 0.3217,
0.3301

45.0982, 0.2329,
0.3132

68.1215, 0.3374,
0.3319

43.6755, 0.2264,
0.3105

71.9447, 0.3499,
0.3335

■ 42.5008, 0.2217,
0.3077

■ 72.7674, 0.3496,
0.3351

■ 41.5409, 0.2188,
0.3050

■ 73.5987, 0.3493,
0.3368

■ 41.0533, 0.2176,
0.3035

■ 74.4384, 0.3490,
0.3385

■ 75.2866, 0.3487,
0.3402

Harmonies

Analogous

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



53.7652, 0.2900, 0.3433



53.7652, 0.2768, 0.3237



53.7652, 0.2729, 0.3065

Triad

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



53.7652, 0.2768, 0.3237



53.7652, 0.3149, 0.3013



53.7652, 0.3468, 0.3621

Complementary

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



53.7652, 0.2768, 0.3237



40.6791, 0.3618, 0.3342

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.



53.7652, 0.3542, 0.3496



53.7652, 0.2768, 0.3237



53.7652, 0.3354, 0.3150

Square

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



53.7652, 0.2768, 0.3237



53.7652, 0.2944, 0.2944



53.7652, 0.3500, 0.3324



53.7652, 0.3303, 0.3660

Rectangle

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



53.7652, 0.2768, 0.3237



53.7652, 0.2760, 0.2986



53.7652, 0.3500, 0.3324



53.7652, 0.3505, 0.3588

Sweetspot

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



53.7674, 0.2768, 0.3237



95.8590, 0.3018, 0.3276



53.7350, 0.3073, 0.3924



20.4445, 0.3009, 0.3274



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.



53.7674, 0.2768, 0.3237



84.8384, 0.2699, 0.3225



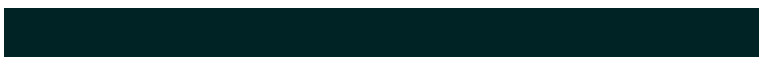
43.2424, 0.2741, 0.2911



12.5668, 0.2984, 0.3271



25.3425, 0.2178, 0.3039



1.3541, 0.2192, 0.3092

Inverse Universe

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



41.1720, 0.3191, 0.2736



61.1714, 0.3206, 0.2619



49.9516, 0.3549, 0.3642



11.3876, 0.3150, 0.3080



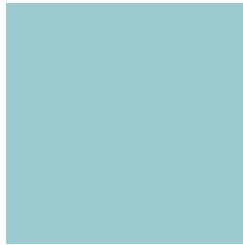
10.3613, 0.3420, 0.1658



0.5392, 0.3374, 0.1633

Previews

White Background



This preview shows how the Yxy color 53.7652, 0.2768, 0.3237 looks on a white background.

Color Contrast Check

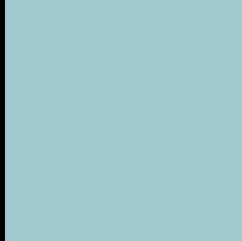
Large Text (above 18pt) WCAG AA × Fail

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 53.7652, 0.2768, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

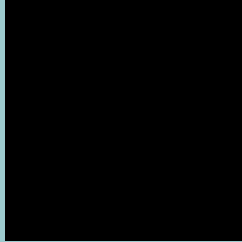
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

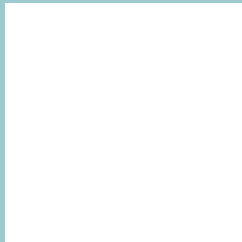
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.7652, 0.2768, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 53.7652, 0.2768, 0.3237.



This preview shows how white text looks on a background with the Yxy color 53.7652, 0.2768, 0.3237.

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

53.7652, 0.2768, 0.3237

Protanopia

53.4715, 0.3092, 0.3193

Deuteranopia

53.5490, 0.3106, 0.3043



Tritanopia

53.5355, 0.2718, 0.3086

Trichromacy



Original Color

53.7652, 0.2768, 0.3237

Protanomaly

53.5679, 0.2968, 0.3215

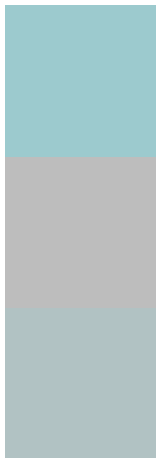
Deuteranomaly

53.2588, 0.2971, 0.3106

Tritanomaly

53.6949, 0.2737, 0.3148

Monochromacy



Original Color

53.7652, 0.2768, 0.3237

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.8708, 0.2986, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7652, 0.2768, 0.3237 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, 202, 206)` looks like.

```
.text, #text, p{  
    color:rgb(156, 202, 206)  
}
```

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, 202, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 202, 206) }
```

Border

The CSS property to change the border of an element to Yxy 53.7652, 0.2768, 0.3237 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, 202, 206) }
```

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

```
.border{ border-color:rgb(156, 202, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 202, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 202, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 202, 206);  
box-shadow:4px 4px 4px 4px rgb(156, 202,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7652, 0.2768, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 202, 206) }
```

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

```
.background{ background-color: rgb(156,  
202, 206) }
```

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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