

Converting Colors

$Yxy(53.1757, 0.2687, 0.3214)$

Have a look what the booklet for
Yxy(53.1757, 0.2687, 0.3214)
contains.

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Color

Yxy(53.2857, 0.2687, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	91CBD0
RGB	145, 203, 208
RGB Percent	57%, 80%, 82%
CMY	0.4312, 0.2039, 0.1843
CMYK	0.30, 0.02, 0.00, 0.18
HSL	185°, 40%, 69%
HSV	185°, 30%, 82%
XYZ	44.4240, 53.2857, 67.6198
YIQ	186.2280, -36.1730, -10.7410

Conversions

Conversions Part 2

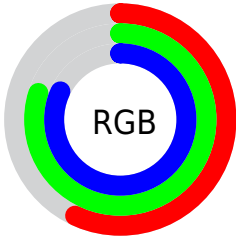
Format	Color
RYB	145, 175, 208
Decimal	9554896
CIELab	78.04, -17.33, -8.49
CIElCh	78, 19.300, 206.102
Yxy	53.2857, 0.2687, 0.3223
Android (android.graphics.Color)	4287744976 (0xFF91CBD0)
YUV	186.2280, 10.7336, -36.1570
Hunter-Lab	72.9971, -19.1146, -3.8245

Details

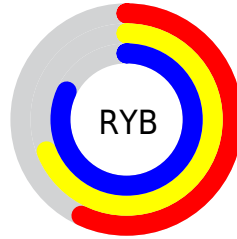
The Yxy color **53.2857, 0.2687, 0.3223** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.2862, 0.3784, 0.3356**, and the grayscale version is **49.1973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **26.1033, 0.2573, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **50.7899, 0.2563, 0.3198**, and if you desaturate by 10%, it is **56.1400, 0.2824, 0.3247**.

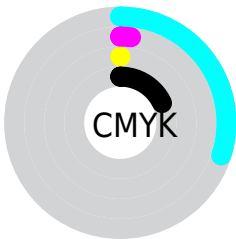
Distribution



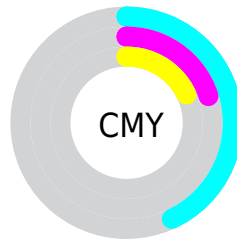
- Red (57%)
- Green (80%)
- Blue (82%)



- Red (57%)
- Yellow (69%)
- Blue (82%)



- Cyan (30%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (43%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2857, 0.2687, 0.3223 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 53.2857, 0.2687, 0.3223 by changing the saturation by 10% instead.

 53.2857, 0.2687,
0.3223

 53.2857, 0.2687,
0.3223


399.3803, 0.2899,
0.3259

 38.0309, 0.2636,
0.3213


 95.0246, 0.2762,
0.3237

 26.0067, 0.2573,
0.3200


 122.2776, 0.2791,
0.3242

 16.8286, 0.2490,
0.3182

154.2986, 0.2816,
0.3246

 10.1124, 0.2379,
0.3156

191.4723, 0.2837,
0.3249

 5.4735, 0.2222,
0.3116

234.1829, 0.2856,
0.3252

 2.5277, 0.1985,
0.3044

282.8148, 0.2872,

 0.8905, 0.1406,

0.3255

0.2959

337.7525, 0.2886,
0.3257

0.0000, 0.0000,
0.0000

53.2857, 0.2687,
0.3223

53.2857, 0.2687,
0.3223

50.7899, 0.2563,
0.3198

56.1400, 0.2824,
0.3247

48.6274, 0.2453,
0.3172

59.3640, 0.2970,
0.3269

46.7796, 0.2361,
0.3145

62.9761, 0.3123,
0.3289

45.2233, 0.2288,
0.3117

66.9916, 0.3279,
0.3308

43.9322, 0.2234,
0.3090

71.4250, 0.3437,
0.3325

■ 42.8752, 0.2198,
0.3063

■ 73.3643, 0.3479,
0.3341

■ 42.0154, 0.2177,
0.3037

■ 74.2006, 0.3476,
0.3358

■ 75.0454, 0.3473,
0.3375

■ 75.8988, 0.3470,
0.3391

Harmonies

Analogous

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



53.2857, 0.2848, 0.3467



53.2857, 0.2687, 0.3223



53.2857, 0.2640, 0.3011

Triad

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



53.2857, 0.2687, 0.3223



53.2857, 0.3151, 0.2952



53.2857, 0.3548, 0.3697

Complementary

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



53.2857, 0.2687, 0.3223



37.2862, 0.3784, 0.3356

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.



53.2857, 0.3639, 0.3540



53.2857, 0.2687, 0.3223



53.2857, 0.3405, 0.3117

Square

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



53.2857, 0.2687, 0.3223



53.2857, 0.2900, 0.2867



53.2857, 0.3587, 0.3329



53.2857, 0.3344, 0.3749

Rectangle

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



53.2857, 0.2687, 0.3223



53.2857, 0.2677, 0.2916



53.2857, 0.3587, 0.3329



53.2857, 0.3593, 0.3654

Sweetspot

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



53.2878, 0.2687, 0.3223



94.7448, 0.2988, 0.3272



53.3152, 0.3059, 0.4110



20.1079, 0.2966, 0.3268



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.



53.2878, 0.2687, 0.3223



81.9764, 0.2609, 0.3208



40.2081, 0.2639, 0.2801



13.2394, 0.2983, 0.3271



26.2516, 0.2178, 0.3041



1.5166, 0.2192, 0.3090

Inverse Universe

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



37.9869, 0.3208, 0.2597



54.2840, 0.3227, 0.2458



48.3910, 0.3672, 0.3733



11.9922, 0.3150, 0.3079



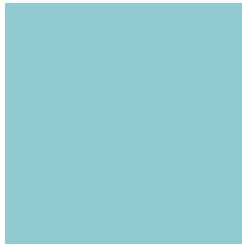
10.7214, 0.3418, 0.1657



0.6044, 0.3376, 0.1633

Previews

White Background



This preview shows how the Yxy color 53.2857, 0.2687, 0.3223 looks on a white background.

Color Contrast Check

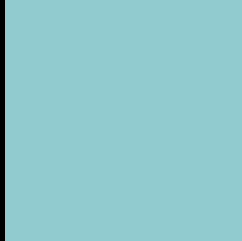
Large Text (above 18pt) WCAG AA × Fail

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 53.2857, 0.2687, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

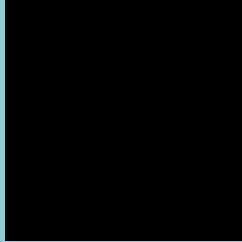
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

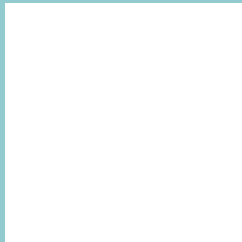
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2857, 0.2687, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 53.2857, 0.2687, 0.3223.



This preview shows how white text looks on a background with the Yxy color 53.2857, 0.2687, 0.3223.

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

53.2857, 0.2687, 0.3223

Protanopia

52.8161, 0.3069, 0.3168

Deuteranopia

52.8004, 0.3068, 0.3006



Tritanopia

53.0383, 0.2638, 0.3070

Trichromacy



Original Color

53.2857, 0.2687, 0.3223

Protanomaly

52.6200, 0.2916, 0.3176

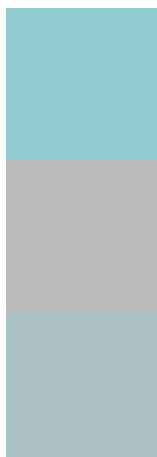
Deuteranomaly

52.6168, 0.2912, 0.3079

Tritanomaly

53.2071, 0.2656, 0.3133

Monochromacy



Original Color

53.2857, 0.2687, 0.3223

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.2522, 0.2947, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2857, 0.2687, 0.3223 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(145, 203, 208)` looks like.

```
.text, #text, p{  
    color:rgb(145, 203, 208)  
}
```

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(145, 203, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 203, 208) }
```

Border

The CSS property to change the border of an element to Yxy 53.2857, 0.2687, 0.3223 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(145, 203, 208) }
```

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

```
.border{ border-color:rgb(145, 203, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 203, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 203, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 203, 208);  
box-shadow:4px 4px 4px 4px rgb(145, 203,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2857, 0.2687, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 203, 208) }
```

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

```
.background{ background-color: rgb(145,  
203, 208) }
```

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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