

Converting Colors

$Yxy(55.0932, 0.2781, 0.3395)$

Have a look what the booklet for
Yxy(55.0932, 0.2781, 0.3395)
contains.

Yxy(55.2332, 0.2777, 0.3394)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.2332, 0.2777, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	96CFC7
RGB	150, 207, 199
RGB Percent	59%, 81%, 78%
CMY	0.4120, 0.1882, 0.2196
CMYK	0.28, 0.00, 0.04, 0.19
HSL	172°, 37%, 70%
HSV	172°, 28%, 81%
XYZ	45.1923, 55.2332, 62.3123
YIQ	189.0450, -31.4040, -14.5720

Conversions

Conversions Part 2

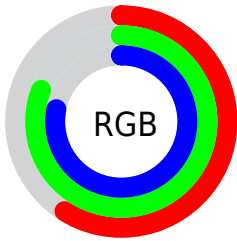
Format	Color
R_{YB}	150, 181, 207
Decimal	9883591
CIE Lab	79.18, -19.99, -1.95
CIE LCh	79, 20.082, 185.580
Yxy	55.2332, 0.2777, 0.3394
Android (android.graphics.Color)	4288073671 (0xFF96CFC7)
YUV	189.0450, 4.9078, -34.2425
Hunter-Lab	74.3190, -21.5152, 2.3120

Details

The Yxy color **55.2332, 0.2777, 0.3394** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.5317, 0.3638, 0.3190**, and the grayscale version is **50.8964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **27.3682, 0.2688, 0.3432** is the 20% darker color. If you saturate the color by 10%, you get **53.3090, 0.2668, 0.3437**, and if you desaturate by 10%, it is **57.5113, 0.2897, 0.3353**.

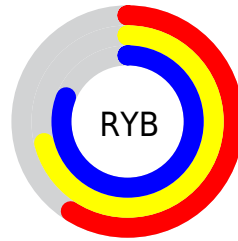
Distribution



Red (59%)

Green (81%)

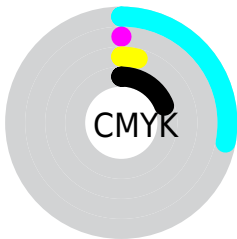
Blue (78%)



Red (59%)

Yellow (71%)

Blue (81%)

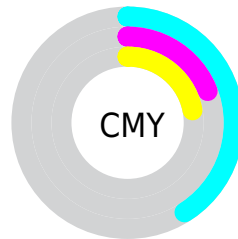


Cyan (28%)

Magenta (0%)

Yellow (4%)

Black (19%)



Cyan (41%)

Magenta (19%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2332, 0.2777, 0.3394 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 55.2332, 0.2777, 0.3394 by changing the saturation by 10% instead.


 55.2332, 0.2777,
0.3394


 55.2332, 0.2777,
0.3394

406.7953, 0.2946,
0.3345

 39.5885, 0.2736,
0.3406


 97.8825, 0.2837,
0.3377

 27.2178, 0.2685,
0.3420


 125.6559, 0.2860,
0.3370

 17.7369, 0.2619,
0.3438


158.2410, 0.2880,
0.3364

 10.7612, 0.2529,
0.3463

196.0222, 0.2897,
0.3359

 5.9065, 0.2402,
0.3497

239.3838, 0.2911,
0.3355

 2.7883, 0.2206,
0.3547

288.7102, 0.2924,

 1.0222, 0.1724,

0.3351

0.3690

344.3859, 0.2936,
0.3348

0.0000, 0.0000,
0.0000

55.2332, 0.2777,
0.3394

55.2332, 0.2777,
0.3394

53.3090, 0.2668,
0.3437

57.5113, 0.2897,
0.3353

51.7138, 0.2574,
0.3483

60.1536, 0.3026,
0.3316

50.4298, 0.2496,
0.3531


63.1781, 0.3160,
0.3282

49.4349, 0.2437,
0.3580


66.5997, 0.3298,
0.3251


48.7041, 0.2397,
0.3630


70.4325, 0.3436,
0.3224


 48.2080, 0.2376,
0.3679

 70.8732, 0.3427,
0.3195

 47.9058, 0.2372,
0.3728

 71.0253, 0.3405,
0.3166

 47.8447, 0.2372,
0.3740

 71.1801, 0.3383,
0.3137

 71.3376, 0.3362,
0.3108

Harmonies

Analogous

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



55.2332, 0.3003, 0.3622



55.2332, 0.2777, 0.3394



55.2332, 0.2646, 0.3145

Triad

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



55.2332, 0.2777, 0.3394



55.2332, 0.2970, 0.2872



55.2332, 0.3640, 0.3606

Complementary

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



55.2332, 0.2777, 0.3394



37.5317, 0.3638, 0.3190

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.



55.2332, 0.3633, 0.3400



55.2332, 0.2777, 0.3394



55.2332, 0.3238, 0.2989

Square

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



55.2332, 0.2777, 0.3394



55.2332, 0.2754, 0.2856



55.2332, 0.3484, 0.3178



55.2332, 0.3503, 0.3739

Rectangle

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



55.2332, 0.2777, 0.3394



55.2332, 0.2626, 0.3006



55.2332, 0.3484, 0.3178



55.2332, 0.3654, 0.3543

Sweetspot

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



55.2354, 0.2777, 0.3394



96.1510, 0.3019, 0.3318



54.1538, 0.3154, 0.4064



20.4350, 0.2999, 0.3323



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.



55.2354, 0.2777, 0.3394



86.6433, 0.2712, 0.3419



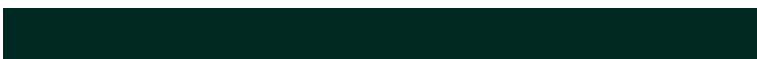
46.5435, 0.2702, 0.3023



13.3773, 0.3001, 0.3323



30.1503, 0.2370, 0.3733



1.6939, 0.2345, 0.3643

Inverse Universe

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



37.5317, 0.3638, 0.3190



53.7342, 0.3790, 0.3168



44.1884, 0.3655, 0.3542



11.8349, 0.3269, 0.3258



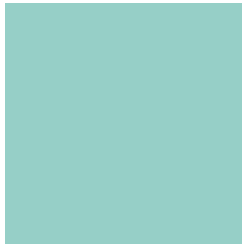
8.4222, 0.6201, 0.3190



0.4799, 0.5770, 0.2952

Previews

White Background



This preview shows how the Yxy color 55.2332, 0.2777, 0.3394 looks on a white background.

Color Contrast Check

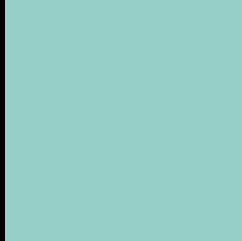
Large Text (above 18pt) WCAG AA × Fail

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 55.2332, 0.2777, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

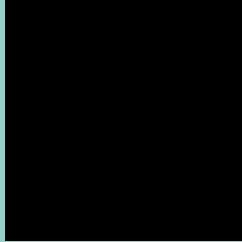
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

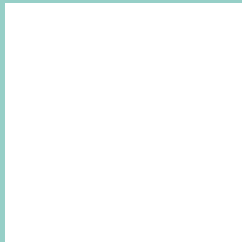
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.2332, 0.2777, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 55.2332, 0.2777, 0.3394.



This preview shows how white text looks on a background with the Yxy color 55.2332, 0.2777, 0.3394.

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

55.2332, 0.2777, 0.3394

Protanopia

54.6687, 0.3191, 0.3314

Deuteranopia

54.5559, 0.3200, 0.3127



Tritanopia

55.3216, 0.2680, 0.3087

Trichromacy



Original Color

55.2332, 0.2777, 0.3394

Protanomaly

54.7321, 0.3024, 0.3340

Deuteranomaly

54.5629, 0.3029, 0.3216

Tritanomaly

55.1884, 0.2716, 0.3199

Monochromacy



Original Color

55.2332, 0.2777, 0.3394

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

52.4441, 0.2985, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2332, 0.2777, 0.3394 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(150, 207, 199)` looks like.

```
.text, #text, p{  
    color:rgb(150, 207, 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(150, 207, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 207, 199) }
```

Border

The CSS property to change the border of an element to Yxy 55.2332, 0.2777, 0.3394 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(150, 207, 199) }
```

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

```
.border{ border-color:rgb(150, 207, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 207, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 207, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 207, 199);  
box-shadow:4px 4px 4px 4px rgb(150, 207,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2332, 0.2777, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 207, 199) }
```

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

```
.background{ background-color: rgb(150,  
207, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor