

Converting Colors

$Yxy(55.3663, 0.2756, 0.3346)$

Have a look what the booklet for
Yxy(55.3663, 0.2756, 0.3346)
contains.

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Color

Yxy(55.4215, 0.2753, 0.3341)

Conversions

Conversions Part 1

Format	Color
Hex	96CFCB
RGB	150, 207, 203
RGB Percent	59%, 81%, 80%
CMY	0.4118, 0.1882, 0.2039
CMYK	0.28, 0.00, 0.02, 0.19
HSL	176°, 37%, 70%
HSV	176°, 28%, 81%
XYZ	45.6676, 55.4215, 64.7939
YIQ	189.5010, -32.6880, -13.3280

Conversions

Conversions Part 2

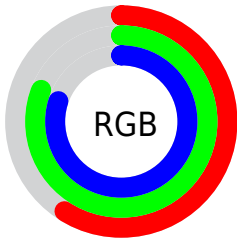
Format	Color
RYB	150, 180, 207
Decimal	9883595
CIELab	79.28, -19.09, -3.94
CIElCh	79, 19.492, 191.669
Yxy	55.4215, 0.2753, 0.3341
Android (android.graphics.Color)	4288073675 (0xFF96CFCB)
YUV	189.5010, 6.6550, -34.6424
Hunter-Lab	74.4456, -20.7816, 0.5088

Details

The Yxy color **55.4215, 0.2753, 0.3341** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.4056, 0.3680, 0.3241**, and the grayscale version is **51.1650, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8618, 0.2838, 0.3289**, and **27.4938, 0.2657, 0.3360** is the 20% darker color. If you saturate the color by 10%, you get **53.5617, 0.2638, 0.3362**, and if you desaturate by 10%, it is **57.6333, 0.2881, 0.3321**.

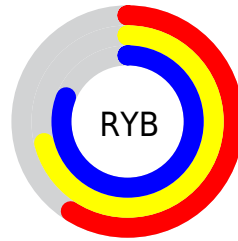
Distribution



Red (59%)

Green (81%)

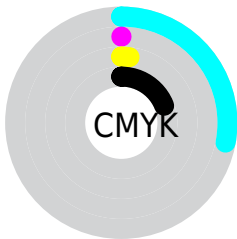
Blue (80%)



Red (59%)

Yellow (71%)

Blue (81%)

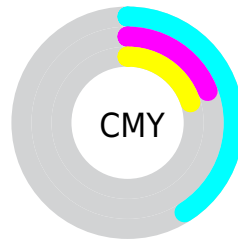


Cyan (28%)

Magenta (0%)

Yellow (2%)

Black (19%)



Cyan (41%)


Magenta (19%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.4215, 0.2753, 0.3341 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 55.4215, 0.2753, 0.3341 by changing the saturation by 10% instead.


 55.4215, 0.2753,
0.3341


 55.4215, 0.2753,
0.3341


407.5077, 0.2933,
0.3318

 39.7393, 0.2710,
0.3346


 98.1582, 0.2817,
0.3333

 27.3353, 0.2656,
0.3352


 125.9816, 0.2841,
0.3330

 17.8252, 0.2586,
0.3359


158.6207, 0.2862,
0.3328

 10.8246, 0.2492,
0.3368

196.4601, 0.2880,
0.3325

 5.9490, 0.2358,
0.3378

239.8841, 0.2896,
0.3323

 2.8141, 0.2155,
0.3390

289.2771, 0.2910,

 1.0355, 0.1698,

0.3321

0.3442

345.0235, 0.2922,
0.3320

0.0000, 0.0000,
0.0000

55.4215, 0.2753,
0.3341

55.4215, 0.2753,
0.3341

53.5617, 0.2638,
0.3362

57.6333, 0.2881,
0.3321

52.0289, 0.2537,
0.3384

60.2073, 0.3019,
0.3303

50.8055, 0.2454,
0.3407

63.1616, 0.3163,
0.3286

49.8693, 0.2390,
0.3431

66.5110, 0.3311,
0.3271

49.1953, 0.2345,
0.3455

70.2697, 0.3461,
0.3258

■ 48.7543, 0.2319,
0.3478

■ 70.6288, 0.3462,
0.3243

■ 48.5053, 0.2309,
0.3501

■ 70.7023, 0.3451,
0.3228

■ 48.4567, 0.2308,
0.3507

■ 70.7764, 0.3440,
0.3213

■ 70.8513, 0.3429,
0.3199

Harmonies

Analogous

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



55.4215, 0.2957, 0.3573



55.4215, 0.2753, 0.3341



55.4215, 0.2649, 0.3105

Triad

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



55.4215, 0.2753, 0.3341



55.4215, 0.3026, 0.2900



55.4215, 0.3607, 0.3630

Complementary

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



55.4215, 0.2753, 0.3341



37.4056, 0.3680, 0.3241

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.



55.4215, 0.3631, 0.3441



55.4215, 0.2753, 0.3341



55.4215, 0.3287, 0.3030

Square

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



55.4215, 0.2753, 0.3341



55.4215, 0.2801, 0.2863



55.4215, 0.3512, 0.3224



55.4215, 0.3452, 0.3738

Rectangle

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



55.4215, 0.2753, 0.3341



55.4215, 0.2646, 0.2981



55.4215, 0.3512, 0.3224



55.4215, 0.3631, 0.3574

Sweetspot

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



55.4237, 0.2753, 0.3341



96.2423, 0.3011, 0.3304



53.7730, 0.3125, 0.4070



20.4582, 0.2989, 0.3306



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.



55.4237, 0.2753, 0.3341



87.0067, 0.2684, 0.3353



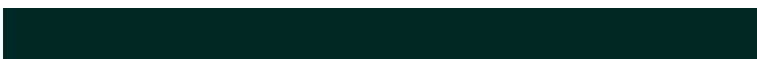
44.9564, 0.2697, 0.2971



13.3922, 0.2992, 0.3306



30.5332, 0.2307, 0.3504



1.7116, 0.2295, 0.3461

Inverse Universe

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



37.4056, 0.3680, 0.3241



53.4937, 0.3845, 0.3230



45.6404, 0.3642, 0.3589



11.8215, 0.3280, 0.3274



8.3839, 0.6318, 0.3254



0.4736, 0.6064, 0.3114

Previews

White Background



This preview shows how the Yxy color 55.4215, 0.2753, 0.3341 looks on a white background.

Color Contrast Check

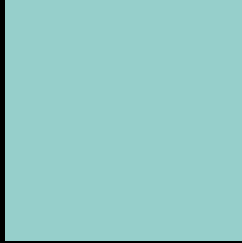
Large Text (above 18pt) WCAG AA × Fail

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 55.4215, 0.2753, 0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

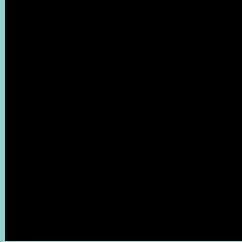
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

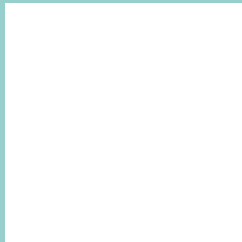
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.4215, 0.2753, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 55.4215, 0.2753, 0.3341.

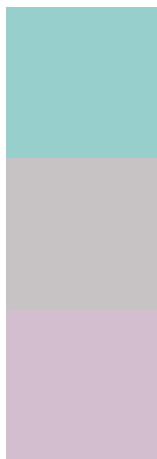


This preview shows how white text looks on a background with the Yxy color 55.4215, 0.2753, 0.3341.

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

55.4215, 0.2753, 0.3341

Protanopia

55.1578, 0.3152, 0.3278

Deuteranopia

55.0335, 0.3161, 0.3092



Tritanopia

55.2762, 0.2668, 0.3074

Trichromacy



Original Color

55.4215, 0.2753, 0.3341

Protanomaly

54.7941, 0.2989, 0.3290

Deuteranomaly

54.6275, 0.2993, 0.3167

Tritanomaly

55.2900, 0.2704, 0.3174

Monochromacy



Original Color

55.4215, 0.2753, 0.3341

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.5339, 0.2971, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4215, 0.2753, 0.3341 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(150, 207, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 207, 203) }
```

Border

The CSS property to change the border of an element to Yxy 55.4215, 0.2753, 0.3341 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, 203) }
```

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

```
.border{ border-color:rgb(150, 207, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 207, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 207, 203);  
box-shadow:4px 4px 4px 4px rgb(150, 207,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4215, 0.2753, 0.3341 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, 203) }
```

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

```
.background{ background-color: rgb(150,  
207, 203) }
```

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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