

Converting Colors

$Y_{xy}(55.9568, 0.2772, 0.3341)$

Have a look what the booklet for
Yxy(55.9568, 0.2772, 0.3341)
contains.

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Color

Yxy(55.7097, 0.2772, 0.3341)

Conversions

Conversions Part 1

Format	Color
Hex	99CFCB
RGB	153, 207, 203
RGB Percent	60%, 81%, 80%
CMY	0.4002, 0.1882, 0.2039
CMYK	0.26, 0.00, 0.02, 0.19
HSL	176°, 36%, 71%
HSV	176°, 26%, 81%
XYZ	46.2219, 55.7097, 64.8140
YIQ	190.3980, -30.9000, -12.6920

Conversions

Conversions Part 2

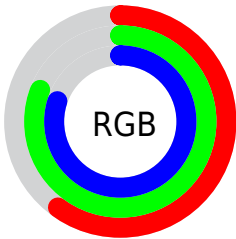
Format	Color
R_{YB}	153, 181, 207
Decimal	10080203
CIE _{Lab}	79.45, -18.22, -3.68
CIE _{LCh}	79, 18.589, 191.404
Yxy	55.7097, 0.2772, 0.3341
Android (android.graphics.Color)	4288270283 (0xFF99CFCB)
YUV	190.3980, 6.2128, -32.7980
Hunter-Lab	74.6389, -20.0779, 0.7618

Details

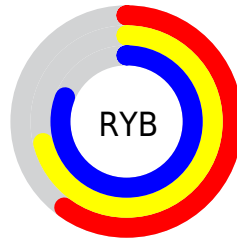
The Yxy color **55.7097, 0.2772, 0.3341** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.4680, 0.3640, 0.3241**, and the grayscale version is **51.7065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **27.6617, 0.2680, 0.3359** is the 20% darker color. If you saturate the color by 10%, you get **53.7971, 0.2655, 0.3363**, and if you desaturate by 10%, it is **57.9770, 0.2901, 0.3320**.

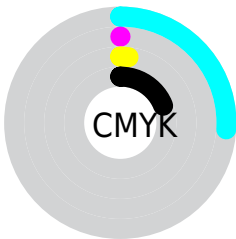
Distribution



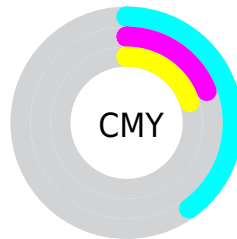
- Red (60%)
- Green (81%)
- Blue (80%)



- Red (60%)
- Yellow (71%)
- Blue (81%)



- Cyan (26%)
- Magenta (0%)
- Yellow (2%)
- Black (19%)




- Cyan (40%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7097, 0.2772, 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 55.7097, 0.2772, 0.3341 by changing the saturation by 10% instead.


 55.7097, 0.2772,
0.3341

 55.7097, 0.2772,
0.3341


408.5966, 0.2943,
0.3318

 39.9702, 0.2731,
0.3346


 98.5800, 0.2833,
0.3333

 27.5153, 0.2680,
0.3352


 126.4796, 0.2856,
0.3330

 17.9606, 0.2613,
0.3359


159.2014, 0.2876,
0.3327

 10.9217, 0.2524,
0.3369

197.1297, 0.2893,
0.3325

 6.0142, 0.2397,
0.3380

240.6490, 0.2908,
0.3323

 2.8537, 0.2204,
0.3394

290.1437, 0.2921,

 1.0559, 0.1790,

0.3321

0.3441

345.9980, 0.2933,
0.3320

0.0000, 0.0000,
0.0000

55.7097, 0.2772,
0.3341

55.7097, 0.2772,
0.3341

53.7971, 0.2655,
0.3363

57.9770, 0.2901,
0.3320

52.2143, 0.2553,
0.3387

60.6089, 0.3039,
0.3301

50.9439, 0.2468,
0.3411

63.6233, 0.3184,
0.3283

49.9642, 0.2401,
0.3436

67.0351, 0.3332,
0.3268

49.2506, 0.2354,
0.3461

70.5801, 0.3470,
0.3254

■ 48.7746, 0.2325,
0.3486

■ 70.6575, 0.3458,
0.3238

■ 48.5004, 0.2313,
0.3511

■ 70.7356, 0.3447,
0.3222

■ 48.4220, 0.2311,
0.3521

■ 70.8144, 0.3435,
0.3207

■ 70.8941, 0.3424,
0.3191

Harmonies

Analogous

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



55.7097, 0.2967, 0.3560



55.7097, 0.2772, 0.3341



55.7097, 0.2671, 0.3117

Triad

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



55.7097, 0.2772, 0.3341



55.7097, 0.3029, 0.2917



55.7097, 0.3585, 0.3614

Complementary

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



55.7097, 0.2772, 0.3341



38.4680, 0.3640, 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.



55.7097, 0.3606, 0.3433



55.7097, 0.2772, 0.3341



55.7097, 0.3278, 0.3041

Square

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



55.7097, 0.2772, 0.3341



55.7097, 0.2815, 0.2883



55.7097, 0.3492, 0.3226



55.7097, 0.3438, 0.3716

Rectangle

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



55.7097, 0.2772, 0.3341



55.7097, 0.2668, 0.2998



55.7097, 0.3492, 0.3226



55.7097, 0.3607, 0.3559

Sweetspot

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



55.7120, 0.2772, 0.3341



96.2369, 0.3011, 0.3305



54.1452, 0.3126, 0.4024



20.4568, 0.2990, 0.3307



0.0000, 0.0000, 0.0000



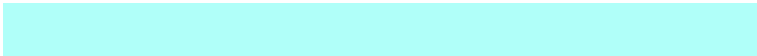
21.4041, 0.3127, 0.3290

Same Dimension

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



55.7120, 0.2772, 0.3341



87.5917, 0.2709, 0.3353



45.7579, 0.2720, 0.2989



13.3913, 0.2993, 0.3307



30.5095, 0.2310, 0.3517



1.7105, 0.2298, 0.3471

Inverse Universe

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



38.4680, 0.3640, 0.3241



55.6612, 0.3783, 0.3230



46.4125, 0.3610, 0.3572



11.8223, 0.3279, 0.3273



8.3856, 0.6313, 0.3251



0.4740, 0.6045, 0.3104

Previews

White Background



This preview shows how the Yxy color 55.7097, 0.2772, 0.3341 looks on a white background.

Color Contrast Check

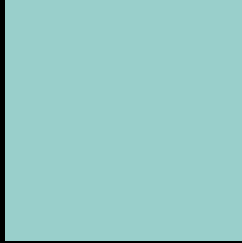
Large Text (above 18pt) WCAG AA × Fail

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 55.7097, 0.2772, 0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

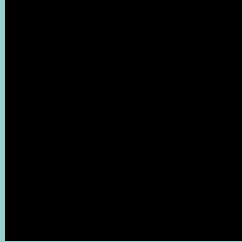
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

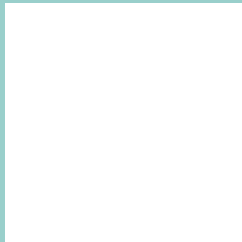
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.7097, 0.2772, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 55.7097, 0.2772, 0.3341.

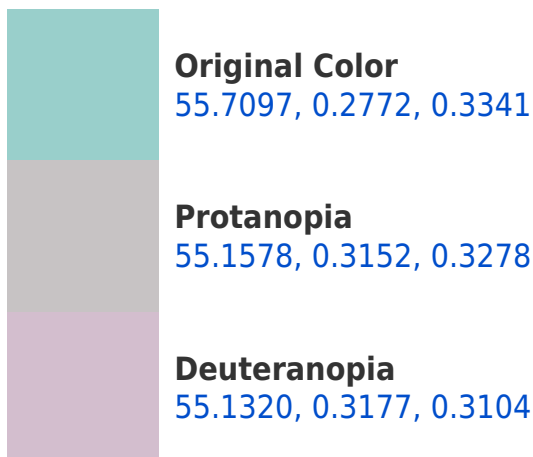


This preview shows how white text looks on a background with the Yxy color 55.7097, 0.2772, 0.3341.

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





Tritanopia

55.5743, 0.2687, 0.3076

Trichromacy



Original Color

55.7097, 0.2772, 0.3341

Protanomaly

54.9155, 0.2997, 0.3290

Deuteranomaly

54.8348, 0.3015, 0.3180

Tritanomaly

55.5856, 0.2723, 0.3175

Monochromacy



Original Color

55.7097, 0.2772, 0.3341

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.7671, 0.2987, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7097, 0.2772, 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(153, 207, 203)` looks like.

```
.text, #text, p{  
    color:rgb(153, 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(153, 207, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 207, 203) }
```

Border

The CSS property to change the border of an element to Yxy 55.7097, 0.2772, 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(153, 207, 203) }
```

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

```
.border{ border-color:rgb(153, 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(153, 207, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 207, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 207, 203);  
box-shadow:4px 4px 4px 4px rgb(153, 207,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7097, 0.2772, 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(153, 207, 203) }
```

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

```
.background{ background-color: rgb(153,  
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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