

Converting Colors

Yxy(53.1014, 0.2975, 0.3390)

Have a look what the booklet for
Yxy(53.1014, 0.2975, 0.3390)
contains.

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Color

Yxy(53.3791, 0.2977, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	ACC7BF
RGB	172, 199, 191
RGB Percent	67%, 78%, 75%
CMY	0.3256, 0.2196, 0.2511
CMYK	0.14, 0.00, 0.04, 0.22
HSL	162°, 19%, 73%
HSV	162°, 14%, 78%
XYZ	46.8345, 53.3791, 57.1076
YIQ	190.0150, -13.5240, -8.2120

Conversions

Conversions Part 2

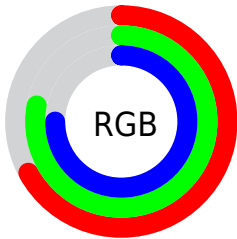
Format	Color
R_{YB}	172, 188, 199
Decimal	11323327
CIE _{Lab}	78.10, -10.67, 0.95
CIE _{LCh}	78, 10.715, 174.923
Yxy	53.3791, 0.2977, 0.3393
Android (android.graphics.Color)	4289513407 (0xFFACC7BF)
YUV	190.0150, 0.4856, -15.7992
Hunter-Lab	73.0610, -13.4323, 4.7991

Details

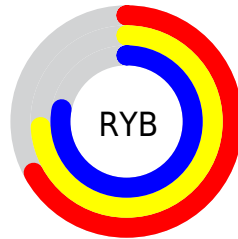
The Yxy color **53.3791, 0.2977, 0.3393** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.9375, 0.3304, 0.3189**, and the grayscale version is **51.5029, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7294, 0.3008, 0.3370**, and **26.0077, 0.2929, 0.3412** is the 20% darker color. If you saturate the color by 10%, you get **51.0406, 0.2872, 0.3478**, and if you desaturate by 10%, it is **56.0698, 0.3087, 0.3316**.

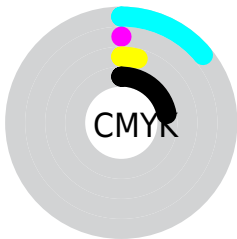
Distribution



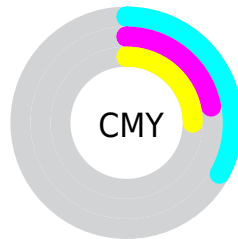
- Red (67%)
- Green (78%)
- Blue (75%)



- Red (67%)
- Yellow (74%)
- Blue (78%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)





- Cyan (33%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3791, 0.2977, 0.3393 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 53.3791, 0.2977, 0.3393 by changing the saturation by 10% instead.

 53.3791, 0.2977,
0.3393

 53.3791, 0.2977,
0.3393

399.7379, 0.3051,
0.3343

 38.1055, 0.2959,
0.3405

 95.1620, 0.3003,
0.3375

 26.0646, 0.2936,
0.3421


122.4400, 0.3013,
0.3368

 16.8720, 0.2907,
0.3442


154.4884, 0.3022,
0.3362

 10.1432, 0.2866,
0.3470

191.6914, 0.3029,
0.3357

 5.4940, 0.2806,
0.3512

234.4334, 0.3036,
0.3353

 2.5399, 0.2712,
0.3578

283.0989, 0.3041,

 0.8966, 0.2467,

0.3349

0.3739

338.0723, 0.3046,
0.3346

0.0000, 0.0000,
0.0000

53.3791, 0.2977,
0.3393

53.3791, 0.2977,
0.3393

51.0406, 0.2872,
0.3478

56.0698, 0.3087,
0.3316

49.0325, 0.2776,
0.3571

59.1202, 0.3200,
0.3246

47.3408, 0.2690,
0.3670

62.5457, 0.3313,
0.3184

45.9481, 0.2619,
0.3775

66.3591, 0.3426,
0.3130

44.8349, 0.2565,
0.3885

67.3102, 0.3407,
0.3072

■ 43.9797, 0.2529,
0.3997

■ 67.6306, 0.3362,
0.3013

■ 43.3575, 0.2513,
0.4110

■ 67.9621, 0.3317,
0.2955

■ 42.9382, 0.2517,
0.4222

■ 68.3051, 0.3273,
0.2898

■ 42.7405, 0.2526,
0.4293

■ 68.6595, 0.3230,
0.2842

Harmonies

Analogous

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



53.3791, 0.3113, 0.3497



53.3791, 0.2977, 0.3393



53.3791, 0.2882, 0.3262

Triad

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



53.3791, 0.2977, 0.3393



53.3791, 0.2997, 0.3050



53.3791, 0.3410, 0.3429

Complementary

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



53.3791, 0.2977, 0.3393



44.9375, 0.3304, 0.3189

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.



53.3791, 0.3378, 0.3310



53.3791, 0.2977, 0.3393



53.3791, 0.3137, 0.3095

Square

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



53.3791, 0.2977, 0.3393



53.3791, 0.2893, 0.3066



53.3791, 0.3277, 0.3189



53.3791, 0.3364, 0.3515

Rectangle

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



53.3791, 0.2977, 0.3393



53.3791, 0.2854, 0.3178



53.3791, 0.3277, 0.3189



53.3791, 0.3408, 0.3392

Sweetspot

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



53.3813, 0.2977, 0.3393



97.9226, 0.3082, 0.3319



53.5445, 0.3175, 0.3639



20.8784, 0.3073, 0.3325



0.0000, 0.0000, 0.0000



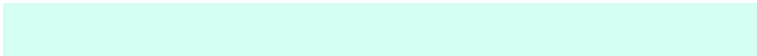
21.4041, 0.3127, 0.3290

Same Dimension

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



53.3813, 0.2977, 0.3393



92.3091, 0.2949, 0.3415



51.3010, 0.2920, 0.3220



12.0117, 0.3023, 0.3360



27.4953, 0.2522, 0.4278



1.3142, 0.2457, 0.4046

Inverse Universe

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



44.9375, 0.3304, 0.3189



74.9639, 0.3344, 0.3169



46.7189, 0.3365, 0.3359



10.6880, 0.3244, 0.3222



8.0256, 0.5749, 0.2940



0.3930, 0.5140, 0.2605

Previews

White Background



This preview shows how the Yxy color 53.3791, 0.2977, 0.3393 looks on a white background.

Color Contrast Check

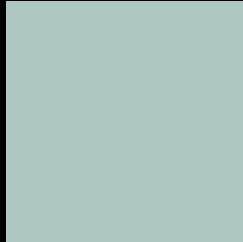
Large Text (above 18pt) WCAG AA × Fail

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 53.3791, 0.2977, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

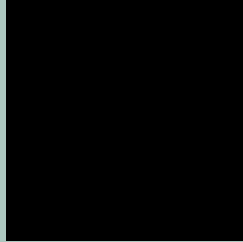
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

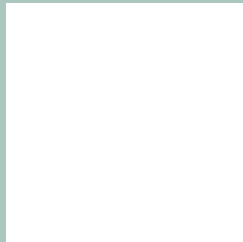
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3791, 0.2977, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 53.3791, 0.2977, 0.3393.



This preview shows how white text looks on a background with the Yxy color 53.3791, 0.2977, 0.3393.

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

53.3791, 0.2977, 0.3393

Protanopia

53.1574, 0.3206, 0.3352

Deuteranopia

53.2398, 0.3281, 0.3219



Tritanopia

53.4634, 0.2863, 0.3091

Trichromacy



Original Color

53.3791, 0.2977, 0.3393

Protanomaly

53.3524, 0.3123, 0.3378

Deuteranomaly

52.9377, 0.3169, 0.3278

Tritanomaly

53.4061, 0.2910, 0.3201

Monochromacy



Original Color

53.3791, 0.2977, 0.3393

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.9249, 0.3069, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3791, 0.2977, 0.3393 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(172, 199, 191)` looks like.

```
.text, #text, p{  
    color:rgb(172, 199, 191)  
}
```

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(172, 199, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 199, 191) }
```

Border

The CSS property to change the border of an element to Yxy 53.3791, 0.2977, 0.3393 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(172, 199, 191) }
```

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

```
.border{ border-color:rgb(172, 199, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 199, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 199, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 199, 191);  
box-shadow:4px 4px 4px 4px rgb(172, 199,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3791, 0.2977, 0.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 199, 191) }
```

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

```
.background{ background-color: rgb(172,  
199, 191) }
```

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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