

Converting Colors

$Yxy(53.3079, 0.2992, 0.3366)$

Have a look what the booklet for
Yxy(53.3079, 0.2992, 0.3366)
contains.

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Color

Yxy(53.3079, 0.2992, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	AFC6C0
RGB	175, 198, 192
RGB Percent	69%, 78%, 75%
CMY	0.3139, 0.2235, 0.2469
CMYK	0.12, 0.00, 0.03, 0.22
HSL	164°, 17%, 73%
HSV	164°, 12%, 78%
XYZ	47.3848, 53.3079, 57.6790
YIQ	190.4390, -11.7820, -6.7420

Conversions

Conversions Part 2

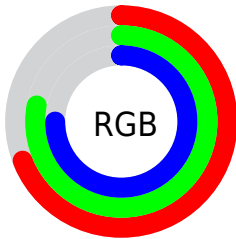
Format	Color
RYB	175, 188, 198
Decimal	11519680
CIELab	78.06, -8.95, 0.34
CIELCh	78, 8.958, 177.825
Yxy	53.3079, 0.2992, 0.3366
Android (android.graphics.Color)	4289709760 (0xFFAFC6C0)
YUV	190.4390, 0.7696, -13.5400
Hunter-Lab	73.0123, -11.9253, 4.2701

Details

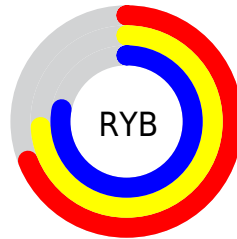
The Yxy color **53.3079, 0.2992, 0.3366** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.9885, 0.3283, 0.3215**, and the grayscale version is **51.7585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2862, 0.3020, 0.3360**, and **25.9482, 0.2949, 0.3377** is the 20% darker color. If you saturate the color by 10%, you get **50.9612, 0.2881, 0.3439**, and if you desaturate by 10%, it is **56.0030, 0.3108, 0.3300**.

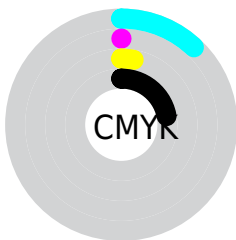
Distribution



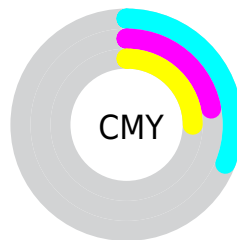
- Red (69%)
- Green (78%)
- Blue (75%)



- Red (69%)
- Yellow (74%)
- Blue (78%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (31%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3079, 0.2992, 0.3366 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 53.3079, 0.2992, 0.3366 by changing the saturation by 10% instead.

■ 53.3079, 0.2992,
0.3366

■ 53.3079, 0.2992,
0.3366

399.4653, 0.3058,
0.3329

■ 38.0486, 0.2976,
0.3375

■ 95.0573, 0.3016,
0.3353

■ 26.0204, 0.2956,
0.3387

122.3162, 0.3025,
0.3348

■ 16.8389, 0.2929,
0.3402

154.3437, 0.3032,
0.3343

■ 10.1197, 0.2892,
0.3422

191.5244, 0.3039,
0.3340

■ 5.4784, 0.2839,
0.3452

234.2424, 0.3045,
0.3336

■ 2.5306, 0.2755,
0.3500

282.8823, 0.3050,

■ 0.8919, 0.2549,

0.3334

0.3613

337.8285, 0.3054,
0.3331

0.0000, 0.0000,
0.0000

53.3079, 0.2992,
0.3366

53.3079, 0.2992,
0.3366

50.9612, 0.2881,
0.3439

56.0030, 0.3108,
0.3300

48.9414, 0.2779,
0.3517

59.0535, 0.3227,
0.3241

47.2352, 0.2687,
0.3602

62.4747, 0.3346,
0.3188

45.8255, 0.2610,
0.3692

66.2788, 0.3464,
0.3141

44.6936, 0.2548,
0.3785

66.6999, 0.3431,
0.3090

■ 43.8187, 0.2506,
0.3882

■ 66.9726, 0.3391,
0.3039

■ 43.1771, 0.2483,
0.3979

■ 67.2537, 0.3351,
0.2988

■ 42.7401, 0.2479,
0.4076

■ 67.5432, 0.3313,
0.2938

■ 42.4880, 0.2488,
0.4156

■ 67.8414, 0.3274,
0.2888

Harmonies

Analogous

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



53.3079, 0.3104, 0.3456



53.3079, 0.2992, 0.3366



53.3079, 0.2917, 0.3256

Triad

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



53.3079, 0.2992, 0.3366



53.3079, 0.3029, 0.3090



53.3079, 0.3363, 0.3416

Complementary

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



53.3079, 0.2992, 0.3366



45.9885, 0.3283, 0.3215

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.



53.3079, 0.3342, 0.3318



53.3079, 0.2992, 0.3366



53.3079, 0.3147, 0.3132

Square

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



53.3079, 0.2992, 0.3366



53.3079, 0.2938, 0.3099



53.3079, 0.3263, 0.3215



53.3079, 0.3319, 0.3483

Rectangle

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



53.3079, 0.2992, 0.3366



53.3079, 0.2897, 0.3188



53.3079, 0.3263, 0.3215



53.3079, 0.3363, 0.3385

Sweetspot

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



53.3101, 0.2992, 0.3366



98.4507, 0.3091, 0.3309



53.3239, 0.3162, 0.3586



20.9860, 0.3082, 0.3314



0.0000, 0.0000, 0.0000



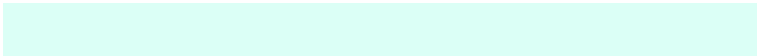
21.4041, 0.3127, 0.3290

Same Dimension

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



53.3101, 0.2992, 0.3366



93.2644, 0.2963, 0.3384



51.1660, 0.2949, 0.3221



12.0187, 0.3018, 0.3351



27.6425, 0.2484, 0.4143



1.3202, 0.2429, 0.3943

Inverse Universe

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



45.9885, 0.3283, 0.3215



77.7124, 0.3322, 0.3198



47.8827, 0.3326, 0.3358



10.6814, 0.3250, 0.3230



7.9773, 0.5878, 0.3012



0.3900, 0.5264, 0.2674

Previews

White Background



This preview shows how the Yxy color 53.3079, 0.2992, 0.3366 looks on a white background.

Color Contrast Check

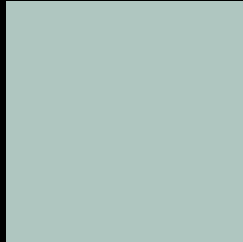
Large Text (above 18pt) WCAG AA × Fail

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 53.3079, 0.2992, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

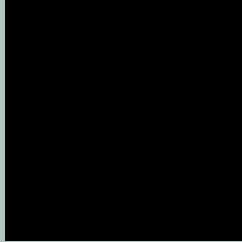
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

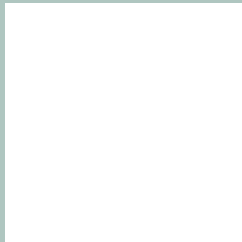
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3079, 0.2992, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 53.3079, 0.2992, 0.3366.

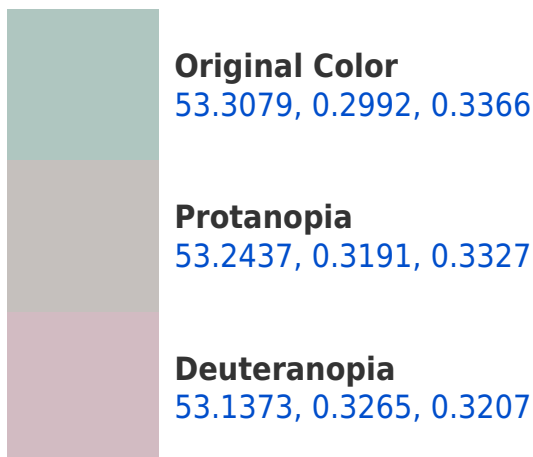


This preview shows how white text looks on a background with the Yxy color 53.3079, 0.2992, 0.3366.

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

53.1983, 0.2884, 0.3091

Trichromacy



Original Color

53.3079, 0.2992, 0.3366

Protanomaly

53.1201, 0.3117, 0.3340

Deuteranomaly

52.9822, 0.3161, 0.3266

Tritanomaly

53.1866, 0.2924, 0.3189

Monochromacy



Original Color

53.3079, 0.2992, 0.3366

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.2158, 0.3078, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3079, 0.2992, 0.3366 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(175, 198, 192)` looks like.

```
.text, #text, p{  
    color:rgb(175, 198, 192)  
}
```

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(175, 198, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 198, 192) }
```

Border

The CSS property to change the border of an element to Yxy 53.3079, 0.2992, 0.3366 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(175, 198, 192) }
```

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

```
.border{ border-color:rgb(175, 198, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 198, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 198, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 198, 192);  
box-shadow:4px 4px 4px 4px rgb(175, 198,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3079, 0.2992, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 198, 192) }
```

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

```
.background{ background-color: rgb(175,  
198, 192) }
```

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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