

Converting Colors

Yxy(53.5584, 0.2979, 0.3328)

Have a look what the booklet for
Yxy(53.5584, 0.2979, 0.3328)
contains.

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Color

Yxy(53.5584, 0.2979, 0.3328)

Conversions

Conversions Part 1

Format	Color
Hex	B0C6C3
RGB	176, 198, 195
RGB Percent	69%, 78%, 76%
CMY	0.3099, 0.2235, 0.2353
CMYK	0.11, 0.00, 0.02, 0.22
HSL	172°, 16%, 73%
HSV	172°, 11%, 78%
XYZ	47.9418, 53.5584, 59.4324
YIQ	191.0800, -12.1490, -5.5970

Conversions

Conversions Part 2

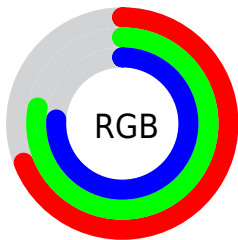
Format	Color
RYB	176, 188, 198
Decimal	11585219
CIELab	78.20, -8.04, -1.03
CIELCh	78, 8.104, 187.302
Yxy	53.5584, 0.2979, 0.3328
Android (android.graphics.Color)	4289775299 (0xFFB0C6C3)
YUV	191.0800, 1.9326, -13.2252
Hunter-Lab	73.1836, -11.1377, 3.0791

Details

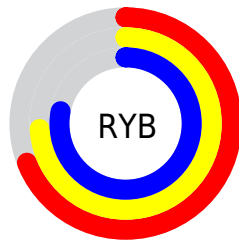
The Yxy color **53.5584, 0.2979, 0.3328** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.3000, 0.3298, 0.3252**, and the grayscale version is **52.1406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7041, 0.3004, 0.3319**, and **26.0806, 0.2940, 0.3341** is the 20% darker color. If you saturate the color by 10%, you get **51.2970, 0.2853, 0.3366**, and if you desaturate by 10%, it is **56.1632, 0.3112, 0.3294**.

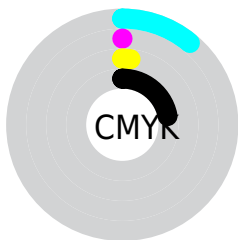
Distribution



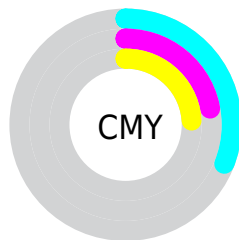
- Red (69%)
- Green (78%)
- Blue (76%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)




- Cyan (31%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5584, 0.2979, 0.3328 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 53.5584, 0.2979, 0.3328 by changing the saturation by 10% instead.


 53.5584, 0.2979,
0.3328

 53.5584, 0.2979,
0.3328


400.4238, 0.3051,
0.3310

 38.2487, 0.2961,
0.3332


 95.4255, 0.3005,
0.3322

 26.1758, 0.2939,
0.3338


122.7518, 0.3015,
0.3319

 16.9552, 0.2910,
0.3345


154.8524, 0.3023,
0.3317

 10.2026, 0.2871,
0.3355

192.1117, 0.3030,
0.3315

 5.5335, 0.2813,
0.3368

234.9141, 0.3037,
0.3314

 2.5635, 0.2723,
0.3390

283.6439, 0.3042,

 0.9084, 0.2527,

0.3312

0.3442

338.6857, 0.3047,
0.3311

0.0000, 0.0000,
0.0000

53.5584, 0.2979,
0.3328

53.5584, 0.2979,
0.3328

51.2970, 0.2853,
0.3366

56.1632, 0.3112,
0.3294

49.3577, 0.2737,
0.3406

59.1184, 0.3249,
0.3263

47.7271, 0.2633,
0.3449

62.4389, 0.3387,
0.3235

46.3885, 0.2544,
0.3495

66.1044, 0.3524,
0.3210

45.3233, 0.2472,
0.3542

66.2375, 0.3502,
0.3183

■ 44.5109, 0.2419,
0.3590

■ 66.3730, 0.3481,
0.3155

■ 43.9276, 0.2386,
0.3638

■ 66.5108, 0.3460,
0.3127

■ 43.5455, 0.2371,
0.3686

■ 66.6509, 0.3438,
0.3100

■ 43.3285, 0.2369,
0.3728

■ 66.7934, 0.3417,
0.3073

Harmonies

Analogous

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



53.5584, 0.3072, 0.3418



53.5584, 0.2979, 0.3328



53.5584, 0.2926, 0.3229

Triad

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



53.5584, 0.2979, 0.3328



53.5584, 0.3071, 0.3116



53.5584, 0.3333, 0.3427

Complementary

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



53.5584, 0.2979, 0.3328



46.3000, 0.3298, 0.3252

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.



53.5584, 0.3333, 0.3345



53.5584, 0.2979, 0.3328



53.5584, 0.3180, 0.3168

Square

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



53.5584, 0.2979, 0.3328



53.5584, 0.2978, 0.3109



53.5584, 0.3277, 0.3251



53.5584, 0.3277, 0.3474

Rectangle

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



53.5584, 0.2979, 0.3328



53.5584, 0.2919, 0.3173



53.5584, 0.3277, 0.3251



53.5584, 0.3340, 0.3403

Sweetspot

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



53.5606, 0.2979, 0.3328



98.5104, 0.3086, 0.3300



53.1445, 0.3140, 0.3574



21.0021, 0.3075, 0.3303



0.0000, 0.0000, 0.0000



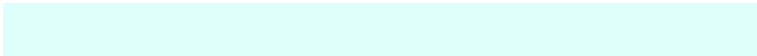
21.4041, 0.3127, 0.3290

Same Dimension

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



53.5606, 0.2979, 0.3328



93.9562, 0.2952, 0.3336



50.2603, 0.2957, 0.3191



12.0415, 0.3002, 0.3322



28.1824, 0.2367, 0.3722



1.3415, 0.2340, 0.3622

Inverse Universe

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



46.3000, 0.3298, 0.3252



78.9360, 0.3334, 0.3245



49.2908, 0.3312, 0.3387



10.6603, 0.3268, 0.3259



7.8672, 0.6204, 0.3191



0.3804, 0.5726, 0.2928

Previews

White Background



This preview shows how the Yxy color 53.5584, 0.2979, 0.3328 looks on a white background.

Color Contrast Check

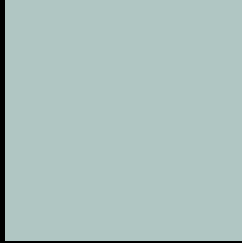
Large Text (above 18pt) WCAG AA × Fail

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 53.5584, 0.2979, 0.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

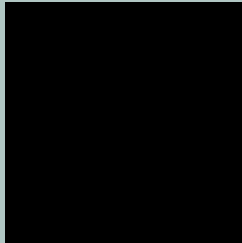
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

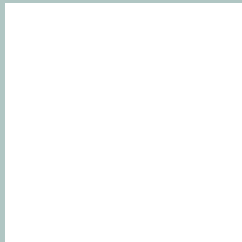
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5584, 0.2979, 0.3328

Background



This preview shows how black text looks on a background with the Yxy color 53.5584, 0.2979, 0.3328.



This preview shows how white text looks on a background with the Yxy color 53.5584, 0.2979, 0.3328.

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

53.5584, 0.2979, 0.3328

Protanopia

53.3754, 0.3168, 0.3290

Deuteranopia

53.2735, 0.3241, 0.3172



Tritanopia

53.7667, 0.2892, 0.3104

Trichromacy



Original Color

53.5584, 0.2979, 0.3328

Protanomaly

53.2526, 0.3095, 0.3302

Deuteranomaly

53.2529, 0.3146, 0.3229

Tritanomaly

53.8053, 0.2925, 0.3190

Monochromacy



Original Color

53.5584, 0.2979, 0.3328

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.8284, 0.3078, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5584, 0.2979, 0.3328 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(176, 198, 195)` looks like.

```
.text, #text, p{  
    color:rgb(176, 198, 195)  
}
```

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(176, 198, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 198, 195) }
```

Border

The CSS property to change the border of an element to Yxy 53.5584, 0.2979, 0.3328 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(176, 198, 195) }
```

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

```
.border{ border-color:rgb(176, 198, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 198, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 198, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 198, 195);  
box-shadow:4px 4px 4px 4px rgb(176, 198,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5584, 0.2979, 0.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 198, 195) }
```

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

```
.background{ background-color: rgb(176,  
198, 195) }
```

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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