

Converting Colors

$Yxy(53.7013, 0.2996, 0.3384)$

Have a look what the booklet for
Yxy(53.7013, 0.2996, 0.3384)
contains.

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Color

Yxy(53.7666, 0.2993, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	AFC7C0
RGB	175, 199, 192
RGB Percent	69%, 78%, 75%
CMY	0.3135, 0.2196, 0.2471
CMYK	0.12, 0.00, 0.04, 0.22
HSL	162°, 18%, 73%
HSV	162°, 12%, 78%
XYZ	47.6246, 53.7666, 57.7287
YIQ	191.0260, -12.0570, -7.2650

Conversions

Conversions Part 2

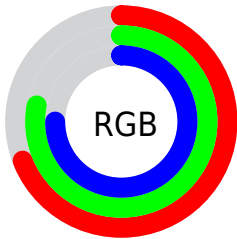
Format	Color
RYB	175, 189, 199
Decimal	11519936
CIELab	78.33, -9.44, 0.76
CIElCh	78, 9.474, 175.415
Yxy	53.7666, 0.2993, 0.3379
Android (android.graphics.Color)	4289710016 (0xFFAFC7C0)
YUV	191.0260, 0.4802, -14.0548
Hunter-Lab	73.3257, -12.3854, 4.6495

Details

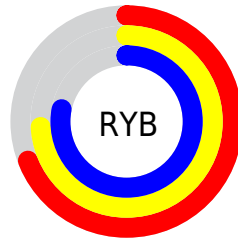
The Yxy color **53.7666, 0.2993, 0.3379** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.2021, 0.3282, 0.3203**, and the grayscale version is **52.1242, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2862, 0.3020, 0.3360**, and **26.2525, 0.2949, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **51.3795, 0.2887, 0.3461**, and if you desaturate by 10%, it is **56.5078, 0.3104, 0.3304**.

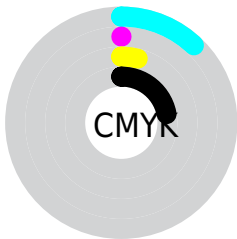
Distribution



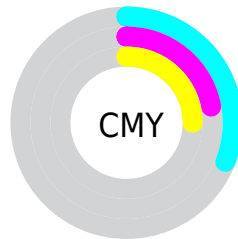
- Red (69%)
- Green (78%)
- Blue (75%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7666, 0.2993, 0.3379 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 53.7666, 0.2993, 0.3379 by changing the saturation by 10% instead.


 53.7666, 0.2993,
0.3379

 53.7666, 0.2993,
0.3379


401.2194, 0.3059,
0.3336

 38.4151, 0.2977,
0.3390


 95.7315, 0.3017,
0.3363

 26.3050, 0.2957,
0.3403


123.1136, 0.3025,
0.3357

 17.0520, 0.2930,
0.3421


155.2748, 0.3033,
0.3352

 10.2715, 0.2894,
0.3445

192.5993, 0.3040,
0.3348

 5.5794, 0.2841,
0.3480

235.4716, 0.3045,
0.3344

 2.5910, 0.2758,
0.3537

284.2762, 0.3050,

 0.9222, 0.2563,

0.3341

0.3662

339.3973, 0.3055,
0.3338

0.0000, 0.0000,
0.0000

53.7666, 0.2993,
0.3379

53.7666, 0.2993,
0.3379

51.3795, 0.2887,
0.3461

56.5078, 0.3104,
0.3304

49.3247, 0.2788,
0.3551

59.6103, 0.3218,
0.3237

47.5886, 0.2700,
0.3648

63.0896, 0.3332,
0.3177

46.1539, 0.2626,
0.3750

66.9581, 0.3445,
0.3124

45.0015, 0.2569,
0.3857

67.3295, 0.3403,
0.3066

■ 44.1102, 0.2529,
0.3967

■ 67.6455, 0.3358,
0.3008

■ 43.4558, 0.2510,
0.4078

■ 67.9724, 0.3314,
0.2951

■ 43.0090, 0.2510,
0.4189

■ 68.3103, 0.3271,
0.2895

■ 42.7593, 0.2521,
0.4276

■ 68.6593, 0.3229,
0.2840

Harmonies

Analogous

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



53.7666, 0.3113, 0.3471



53.7666, 0.2993, 0.3379



53.7666, 0.2910, 0.3263

Triad

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



53.7666, 0.2993, 0.3379



53.7666, 0.3014, 0.3078



53.7666, 0.3376, 0.3415

Complementary

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



53.7666, 0.2993, 0.3379



46.2021, 0.3282, 0.3203

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.



53.7666, 0.3349, 0.3310



53.7666, 0.2993, 0.3379



53.7666, 0.3138, 0.3118

Square

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



53.7666, 0.2993, 0.3379



53.7666, 0.2922, 0.3091



53.7666, 0.3261, 0.3203



53.7666, 0.3335, 0.3489

Rectangle

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



53.7666, 0.2993, 0.3379



53.7666, 0.2886, 0.3190



53.7666, 0.3261, 0.3203



53.7666, 0.3375, 0.3382

Sweetspot

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



53.7689, 0.2993, 0.3379



97.9257, 0.3081, 0.3319



53.9145, 0.3169, 0.3596



20.8791, 0.3073, 0.3324



0.0000, 0.0000, 0.0000



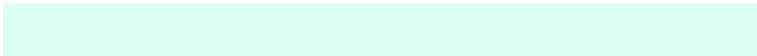
21.4041, 0.3127, 0.3290

Same Dimension

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



53.7689, 0.2993, 0.3379



93.1919, 0.2969, 0.3396



51.9183, 0.2944, 0.3229



12.0126, 0.3022, 0.3358



27.5134, 0.2517, 0.4261



1.3149, 0.2454, 0.4033

Inverse Universe

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



46.2021, 0.3282, 0.3203



77.7787, 0.3314, 0.3186



47.8171, 0.3334, 0.3351



10.6872, 0.3244, 0.3223



8.0191, 0.5766, 0.2950



0.3926, 0.5156, 0.2614

Previews

White Background



This preview shows how the Yxy color 53.7666, 0.2993, 0.3379 looks on a white background.

Color Contrast Check

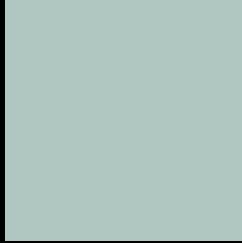
Large Text (above 18pt) WCAG AA × Fail

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 53.7666, 0.2993, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

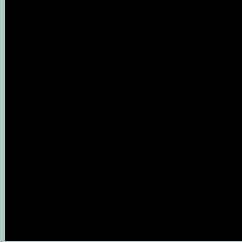
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

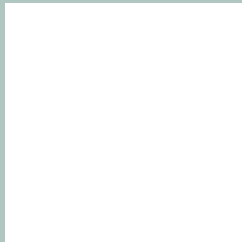
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.7666, 0.2993, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 53.7666, 0.2993, 0.3379.



This preview shows how white text looks on a background with the Yxy color 53.7666, 0.2993, 0.3379.

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

53.7666, 0.2993, 0.3379

Protanopia

53.7765, 0.3206, 0.3351

Deuteranopia

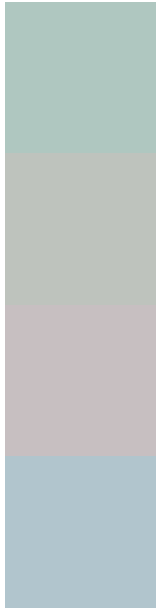
53.4327, 0.3282, 0.3208



Tritanopia

53.6983, 0.2878, 0.3091

Trichromacy



Original Color

53.7666, 0.2993, 0.3379

Protanomaly

53.6515, 0.3132, 0.3365

Deuteranomaly

53.2540, 0.3177, 0.3266

Tritanomaly

53.6874, 0.2918, 0.3189

Monochromacy



Original Color

53.7666, 0.2993, 0.3379

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.6594, 0.3078, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7666, 0.2993, 0.3379 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, 199, 192)` looks like.

```
.text, #text, p{  
    color:rgb(175, 199, 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, 199, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 199, 192) }
```

Border

The CSS property to change the border of an element to Yxy 53.7666, 0.2993, 0.3379 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, 199, 192) }
```

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

```
.border{ border-color:rgb(175, 199, 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, 199, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 199, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 199, 192);  
box-shadow:4px 4px 4px 4px rgb(175, 199,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7666, 0.2993, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 199, 192) }
```

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

```
.background{ background-color: rgb(175,  
199, 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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