

Converting Colors

Yxy(54.6749, 0.2991, 0.3405)

Have a look what the booklet for
Yxy(54.6749, 0.2991, 0.3405)
contains.

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Color

Yxy(54.6930, 0.2993, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	AFC9C0
RGB	175, 201, 192
RGB Percent	69%, 79%, 75%
CMY	0.3135, 0.2118, 0.2471
CMYK	0.13, 0.00, 0.04, 0.21
HSL	159°, 19%, 74%
HSV	159°, 13%, 79%
XYZ	48.0894, 54.6930, 57.8904
YIQ	192.2000, -12.6070, -8.3110

Conversions

Conversions Part 2

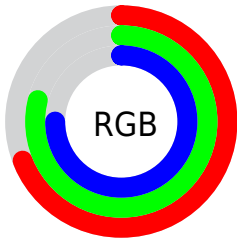
Format	Color
RYB	175, 191, 201
Decimal	11520448
CIELab	78.86, -10.48, 1.54
CIELCh	79, 10.590, 171.665
Yxy	54.6930, 0.2993, 0.3404
Android (android.graphics.Color)	4289710528 (0xFFAFC9C0)
YUV	192.2000, -0.0986, -15.0844
Hunter-Lab	73.9547, -13.3504, 5.3572

Details

The Yxy color **54.6930, 0.2993, 0.3404** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.5611, 0.3283, 0.3179**, and the grayscale version is **52.8477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2862, 0.3020, 0.3360**, and **26.8691, 0.2950, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **52.2375, 0.2894, 0.3503**, and if you desaturate by 10%, it is **57.5139, 0.3097, 0.3314**.

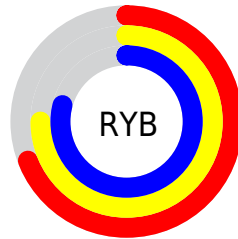
Distribution



Red (69%)

Green (79%)

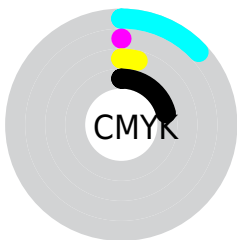
Blue (75%)



Red (69%)

Yellow (75%)

Blue (79%)

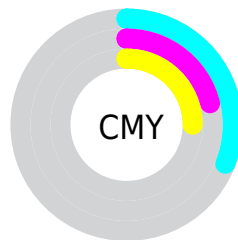


Cyan (13%)

Magenta (0%)

Yellow (4%)

Black (21%)



Cyan (31%)

Magenta (21%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.6930, 0.2993, 0.3404 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 54.6930, 0.2993, 0.3404 by changing the saturation by 10% instead.

■ 54.6930, 0.2993,
0.3404

■ 54.6930, 0.2993,
0.3404

404.7471, 0.3059,
0.3348

■ 39.1560, 0.2977,
0.3418

■ 97.0910, 0.3016,
0.3384

■ 26.8811, 0.2957,
0.3435

124.7208, 0.3025,
0.3376

■ 17.4839, 0.2931,
0.3458

157.1503, 0.3033,
0.3370

■ 10.5801, 0.2894,
0.3489

194.7639, 0.3039,
0.3364

■ 5.7853, 0.2842,
0.3534

237.9459, 0.3045,
0.3360

■ 2.7149, 0.2760,
0.3607

287.0809, 0.3050,

■ 0.9848, 0.2581,

0.3355

342.5532, 0.3055,
0.3352

0.3755

0.0000, 0.0000,
0.0000

54.6930, 0.2993,
0.3404

54.6930, 0.2993,
0.3404

52.2375, 0.2894,
0.3503

57.5139, 0.3097,
0.3314

50.1251, 0.2802,
0.3611

60.7078, 0.3202,
0.3234

48.3415, 0.2721,
0.3728

64.2908, 0.3308,
0.3162

46.8687, 0.2653,
0.3852

68.1895, 0.3410,
0.3099

45.6870, 0.2601,
0.3981

68.5662, 0.3357,
0.3030

■ 44.7743, 0.2568,
0.4114

■ 68.9585, 0.3304,
0.2961

■ 44.1052, 0.2555,
0.4248

■ 69.3665, 0.3253,
0.2894

■ 43.6493, 0.2562,
0.4380

■ 69.7905, 0.3203,
0.2829

■ 43.4161, 0.2576,
0.4473

■ 70.2305, 0.3154,
0.2764

Harmonies

Analogous

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



54.6930, 0.3129, 0.3501



54.6930, 0.2993, 0.3404



54.6930, 0.2894, 0.3276

Triad

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



54.6930, 0.2993, 0.3404



54.6930, 0.2986, 0.3053



54.6930, 0.3405, 0.3415

Complementary

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



54.6930, 0.2993, 0.3404



46.5611, 0.3283, 0.3179

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.



54.6930, 0.3365, 0.3297



54.6930, 0.2993, 0.3404



54.6930, 0.3121, 0.3091

Square

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



54.6930, 0.2993, 0.3404



54.6930, 0.2890, 0.3075



54.6930, 0.3260, 0.3179



54.6930, 0.3368, 0.3504

Rectangle

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



54.6930, 0.2993, 0.3404



54.6930, 0.2862, 0.3193



54.6930, 0.3260, 0.3179



54.6930, 0.3400, 0.3377

Sweetspot

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



54.6953, 0.2993, 0.3404



97.8908, 0.3084, 0.3324



55.0732, 0.3183, 0.3619



20.8703, 0.3076, 0.3331



0.0000, 0.0000, 0.0000



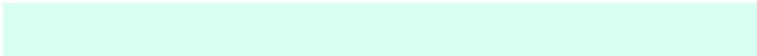
21.4041, 0.3127, 0.3290

Same Dimension

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



54.6953, 0.2993, 0.3404



92.6286, 0.2970, 0.3426



53.3154, 0.2931, 0.3240



12.0027, 0.3029, 0.3371



27.3190, 0.2571, 0.4454



1.3068, 0.2495, 0.4181

Inverse Universe

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



46.5611, 0.3283, 0.3179



76.4707, 0.3315, 0.3158



47.7326, 0.3354, 0.3339



10.6966, 0.3236, 0.3210



8.0989, 0.5567, 0.2840



0.3972, 0.4979, 0.2516

Previews

White Background



This preview shows how the Yxy color 54.6930, 0.2993, 0.3404 looks on a white background.

Color Contrast Check

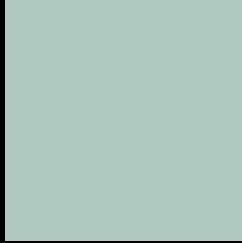
Large Text (above 18pt) WCAG AA × Fail

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 54.6930, 0.2993, 0.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

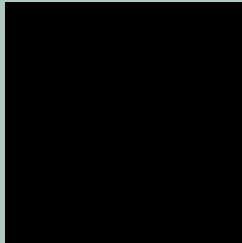
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

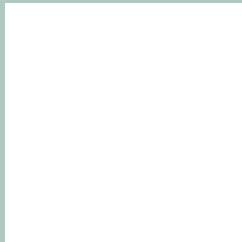
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.6930, 0.2993, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 54.6930, 0.2993, 0.3404.



This preview shows how white text looks on a background with the Yxy color 54.6930, 0.2993, 0.3404.

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

54.6930, 0.2993, 0.3404

Protanopia

54.4938, 0.3221, 0.3363

Deuteranopia

54.6315, 0.3288, 0.3220



Tritanopia

54.7760, 0.2879, 0.3105

Trichromacy



Original Color

54.6930, 0.2993, 0.3404

Protanomaly

54.6830, 0.3138, 0.3389

Deuteranomaly

54.3143, 0.3176, 0.3278

Tritanomaly

54.7196, 0.2926, 0.3215

Monochromacy



Original Color

54.6930, 0.2993, 0.3404

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.2751, 0.3078, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6930, 0.2993, 0.3404 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, 201, 192)` looks like.

```
.text, #text, p{  
    color:rgb(175, 201, 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, 201, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 201, 192) }
```

Border

The CSS property to change the border of an element to Yxy 54.6930, 0.2993, 0.3404 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, 201, 192) }
```

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

```
.border{ border-color:rgb(175, 201, 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, 201, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 201, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 201, 192); box-shadow:4px 4px 4px 4px rgb(175, 201, 192) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6930, 0.2993, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 201, 192) }
```

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

```
.background{ background-color: rgb(175,  
201, 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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