

Converting Colors

Yxy(54.0014, 0.2991, 0.3396)

Have a look what the booklet for
Yxy(54.0014, 0.2991, 0.3396)
contains.

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Color

Yxy(54.0688, 0.2992, 0.3405)

Conversions

Conversions Part 1

Format	Color
Hex	AEC8BF
RGB	174, 200, 191
RGB Percent	68%, 78%, 75%
CMY	0.3177, 0.2157, 0.2510
CMYK	0.13, 0.00, 0.05, 0.22
HSL	159°, 19%, 73%
HSV	159°, 13%, 78%
XYZ	47.5107, 54.0688, 57.2129
YIQ	191.2000, -12.6070, -8.3110

Conversions

Conversions Part 2

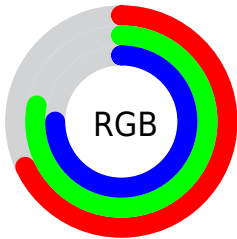
Format	Color
RYB	174, 190, 200
Decimal	11454655
CIELab	78.50, -10.52, 1.54
CIELCh	79, 10.634, 171.646
Yxy	54.0688, 0.2992, 0.3405
Android (android.graphics.Color)	4289644735 (0xFFAEC8BF)
YUV	191.2000, -0.0986, -15.0844
Hunter-Lab	73.5315, -13.3465, 5.3401

Details

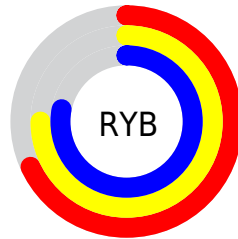
The Yxy color **54.0688, 0.2992, 0.3405** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.9689, 0.3284, 0.3178**, and the grayscale version is **52.2282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0584, 0.3020, 0.3370**, and **26.4577, 0.2949, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **51.6443, 0.2893, 0.3504**, and if you desaturate by 10%, it is **56.8544, 0.3095, 0.3315**.

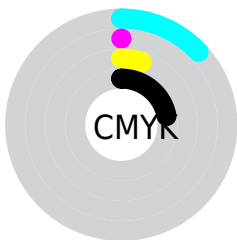
Distribution



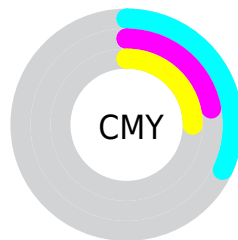
- Red (68%)
- Green (78%)
- Blue (75%)



- Red (68%)
- Yellow (75%)
- Blue (78%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)





- Cyan (32%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0688, 0.2992, 0.3405 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 54.0688, 0.2992, 0.3405 by changing the saturation by 10% instead.

 54.0688, 0.2992,
0.3405

 54.0688, 0.2992,
0.3405


402.3723, 0.3058,
0.3349

 38.6567, 0.2976,
0.3419


 96.1753, 0.3016,
0.3385

 26.4927, 0.2956,
0.3436

123.6384, 0.3025,
0.3377

 17.1926, 0.2929,
0.3459


155.8873, 0.3032,
0.3371

 10.3719, 0.2892,
0.3491

193.3063, 0.3039,
0.3365

 5.6462, 0.2839,
0.3537

236.2800, 0.3045,
0.3360

 2.6312, 0.2754,
0.3612

285.1926, 0.3050,

 0.9424, 0.2554,

0.3356

0.3774

340.4286, 0.3054,
0.3352

0.0000, 0.0000,
0.0000

54.0688, 0.2992,
0.3405

54.0688, 0.2992,
0.3405

51.6443, 0.2893,
0.3504

56.8544, 0.3095,
0.3315

49.5587, 0.2802,
0.3613

60.0085, 0.3201,
0.3235

47.7980, 0.2720,
0.3729

63.5470, 0.3307,
0.3163

46.3444, 0.2653,
0.3853

67.4827, 0.3412,
0.3100

45.1783, 0.2601,
0.3983

68.0453, 0.3367,
0.3031

■ 44.2779, 0.2568,
0.4116

■ 68.4332, 0.3314,
0.2963

■ 43.6181, 0.2555,
0.4249

■ 68.8366, 0.3263,
0.2896

■ 43.1688, 0.2562,
0.4382

■ 69.2558, 0.3213,
0.2831

■ 42.9414, 0.2576,
0.4473

■ 69.6910, 0.3163,
0.2766

Harmonies

Analogous

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



54.0688, 0.3129, 0.3502



54.0688, 0.2992, 0.3405



54.0688, 0.2893, 0.3276

Triad

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



54.0688, 0.2992, 0.3405



54.0688, 0.2985, 0.3051



54.0688, 0.3407, 0.3416

Complementary

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



54.0688, 0.2992, 0.3405



45.9689, 0.3284, 0.3178

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.



54.0688, 0.3367, 0.3297



54.0688, 0.2992, 0.3405



54.0688, 0.3121, 0.3090

Square

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



54.0688, 0.2992, 0.3405



54.0688, 0.2888, 0.3074



54.0688, 0.3261, 0.3179



54.0688, 0.3370, 0.3506

Rectangle

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



54.0688, 0.2992, 0.3405



54.0688, 0.2860, 0.3192



54.0688, 0.3261, 0.3179



54.0688, 0.3402, 0.3378

Sweetspot

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



54.0711, 0.2992, 0.3405



97.8908, 0.3084, 0.3324



54.4473, 0.3183, 0.3622



20.8703, 0.3077, 0.3331



0.0000, 0.0000, 0.0000



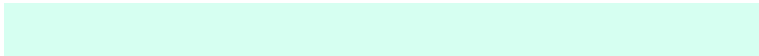
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0711, 0.2992, 0.3405



92.1881, 0.2960, 0.3436



52.6959, 0.2929, 0.3240



12.0026, 0.3029, 0.3371



27.3185, 0.2571, 0.4455



1.3068, 0.2495, 0.4182

Inverse Universe

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



45.9689, 0.3284, 0.3178



75.0754, 0.3330, 0.3149



47.1348, 0.3356, 0.3340



10.6967, 0.3236, 0.3210



8.0991, 0.5566, 0.2840



0.3972, 0.4979, 0.2516

Previews

White Background



This preview shows how the Yxy color 54.0688, 0.2992, 0.3405 looks on a white background.

Color Contrast Check

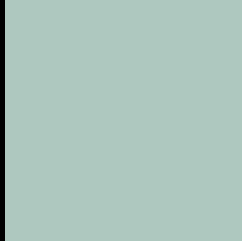
Large Text (above 18pt) WCAG AA × Fail

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 54.0688, 0.2992, 0.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

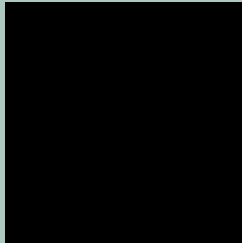
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

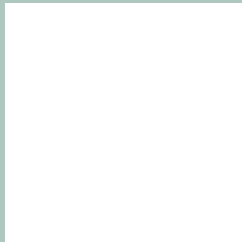
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0688, 0.2992, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 54.0688, 0.2992, 0.3405.



This preview shows how white text looks on a background with the Yxy color 54.0688, 0.2992, 0.3405.

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

54.0688, 0.2992, 0.3405

Protanopia

53.8699, 0.3221, 0.3364

Deuteranopia

53.9628, 0.3297, 0.3232



Tritanopia

54.1509, 0.2878, 0.3104

Trichromacy



Original Color

54.0688, 0.2992, 0.3405

Protanomaly

54.0578, 0.3138, 0.3390

Deuteranomaly

53.6472, 0.3184, 0.3290

Tritanomaly

54.0949, 0.2925, 0.3214

Monochromacy



Original Color

54.0688, 0.2992, 0.3405

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 54.0688, 0.2992, 0.3405 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(174, 200, 191)` looks like.

```
.text, #text, p{  
    color:rgb(174, 200, 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(174, 200, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 200, 191) }
```

Border

The CSS property to change the border of an element to Yxy 54.0688, 0.2992, 0.3405 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(174, 200, 191) }
```

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

```
.border{ border-color:rgb(174, 200, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 200, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 200, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 200, 191); box-shadow:4px 4px 4px 4px rgb(174, 200, 191) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0688, 0.2992, 0.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 200, 191) }
```

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

```
.background{ background-color: rgb(174,  
200, 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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