

Converting Colors

$Yxy(53.6208, 0.2919, 0.3241)$

Have a look what the booklet for
Yxy(53.6208, 0.2919, 0.3241)
contains.

Yxy(53.6511, 0.2916, 0.3239)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.6511, 0.2916, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	AEC6CA
RGB	174, 198, 202
RGB Percent	68%, 78%, 79%
CMY	0.3179, 0.2235, 0.2078
CMYK	0.14, 0.02, 0.00, 0.21
HSL	189°, 21%, 74%
HSV	189°, 14%, 79%
XYZ	48.3009, 53.6511, 63.6889
YIQ	191.2800, -15.5880, -3.8440

Conversions

Conversions Part 2

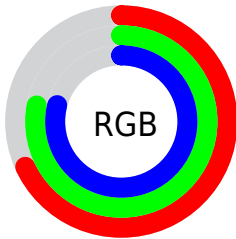
Format	Color
R_YB	174, 187, 202
Decimal	11454154
CIE Lab	78.26, -7.28, -4.75
CIE LCh	78, 8.693, 213.111
Yxy	53.6511, 0.2916, 0.3239
Android (android.graphics.Color)	4289644234 (0xFFAEC6CA)
YUV	191.2800, 5.2850, -15.1546
Hunter-Lab	73.2469, -10.4746, -0.2804

Details

The Yxy color **53.6511, 0.2916, 0.3239** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.4235, 0.3374, 0.3340**, and the grayscale version is **52.2427, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **26.1496, 0.2858, 0.3221** is the 20% darker color. If you saturate the color by 10%, you get **50.2065, 0.2770, 0.3198**, and if you desaturate by 10%, it is **57.4739, 0.3067, 0.3276**.

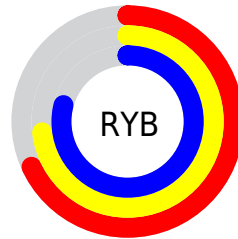
Distribution



Red (68%)

Green (78%)

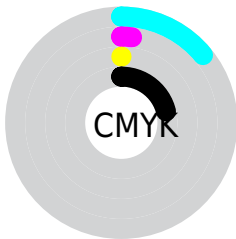
Blue (79%)



Red (68%)

Yellow (73%)

Blue (79%)

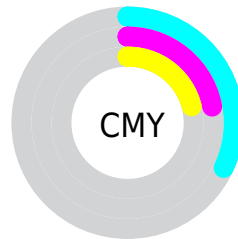


Cyan (14%)

Magenta (2%)

Yellow (0%)

Black (21%)



Cyan (32%)

Magenta (22%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6511, 0.2916, 0.3239 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 53.6511, 0.2916, 0.3239 by changing the saturation by 10% instead.

■ 53.6511, 0.2916,
0.3239

■ 53.6511, 0.2916,
0.3239

400.7781, 0.3019,
0.3265

■ 38.3228, 0.2891,
0.3233

■ 95.5618, 0.2953,
0.3248

■ 26.2333, 0.2860,
0.3224

122.9129, 0.2967,
0.3252

■ 16.9983, 0.2819,
0.3213

155.0405, 0.2978,
0.3255

■ 10.2333, 0.2764,
0.3197

192.3288, 0.2989,
0.3257

■ 5.5539, 0.2684,
0.3174

235.1624, 0.2998,
0.3260

■ 2.5758, 0.2560,
0.3135

283.9255, 0.3005,

■ 0.9145, 0.2319,

0.3262

0.3068

339.0026, 0.3012,
0.3263

0.0000, 0.0000,
0.0000

53.6511, 0.2916,
0.3239

53.6511, 0.2916,
0.3239

50.2065, 0.2770,
0.3198

57.4739, 0.3067,
0.3276

47.1178, 0.2633,
0.3155

61.6828, 0.3222,
0.3310

44.3702, 0.2508,
0.3109

66.2940, 0.3376,
0.3341

41.9456, 0.2398,
0.3061

71.3206, 0.3529,
0.3368

39.8238, 0.2304,
0.3011

72.7940, 0.3525,
0.3397

■ 37.9822, 0.2229,
0.2961

■ 74.2445, 0.3519,
0.3426

■ 36.3949, 0.2174,
0.2910

■ 75.7207, 0.3513,
0.3455

■ 35.0304, 0.2136,
0.2861

■ 77.2227, 0.3508,
0.3484

■ 34.2716, 0.2120,
0.2831

■ 78.7506, 0.3502,
0.3512

Harmonies

Analogous

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



53.6511, 0.2980, 0.3345



53.6511, 0.2916, 0.3239



53.6511, 0.2907, 0.3149

Triad

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



53.6511, 0.2916, 0.3239



53.6511, 0.3168, 0.3149



53.6511, 0.3299, 0.3484

Complementary

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



53.6511, 0.2916, 0.3239



47.4235, 0.3374, 0.3340

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.



53.6511, 0.3352, 0.3426



53.6511, 0.2916, 0.3239



53.6511, 0.3275, 0.3234

Square

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



53.6511, 0.2916, 0.3239



53.6511, 0.3051, 0.3100



53.6511, 0.3343, 0.3335



53.6511, 0.3201, 0.3489

Rectangle

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



53.6511, 0.2916, 0.3239



53.6511, 0.2934, 0.3111



53.6511, 0.3343, 0.3335



53.6511, 0.3323, 0.3470

Sweetspot

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



53.6533, 0.2916, 0.3239



97.1956, 0.3065, 0.3276



54.4370, 0.3084, 0.3605



20.6936, 0.3053, 0.3273



0.0000, 0.0000, 0.0000



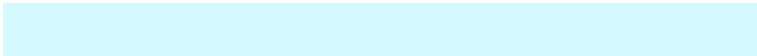
21.4041, 0.3127, 0.3290

Same Dimension

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



53.6533, 0.2916, 0.3239



88.8193, 0.2867, 0.3226



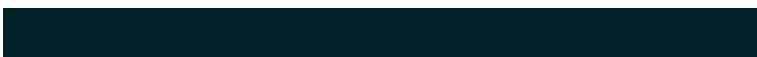
47.6342, 0.2911, 0.3061



12.4448, 0.2983, 0.3256



22.1518, 0.2122, 0.2837



1.2191, 0.2148, 0.2934

Inverse Universe

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



46.8854, 0.3176, 0.2997



75.0019, 0.3189, 0.2925



53.1853, 0.3350, 0.3509



11.3753, 0.3159, 0.3093



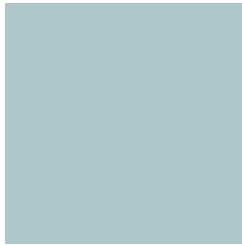
10.0392, 0.3600, 0.1757



0.5256, 0.3513, 0.1709

Previews

White Background



This preview shows how the Yxy color 53.6511, 0.2916, 0.3239 looks on a white background.

Color Contrast Check

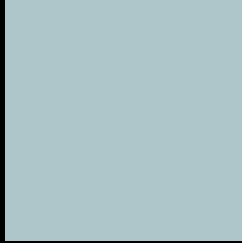
Large Text (above 18pt) WCAG AA × Fail

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 53.6511, 0.2916, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

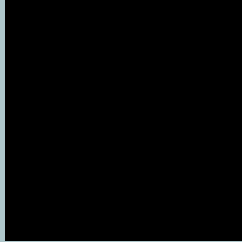
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

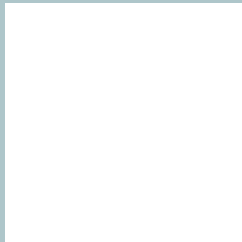
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6511, 0.2916, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 53.6511, 0.2916, 0.3239.



This preview shows how white text looks on a background with the Yxy color 53.6511, 0.2916, 0.3239.

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

53.6511, 0.2916, 0.3239

Protanopia

53.4249, 0.3099, 0.3205

Deuteranopia

53.5915, 0.3161, 0.3101



Tritanopia

53.4634, 0.2863, 0.3091

Trichromacy



Original Color

53.6511, 0.2916, 0.3239

Protanomaly

53.3185, 0.3028, 0.3215

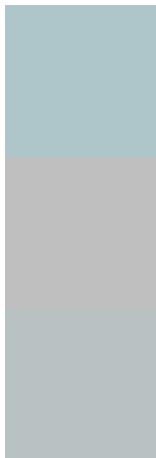
Deuteranomaly

53.6132, 0.3069, 0.3157

Tritanomaly

53.6005, 0.2883, 0.3152

Monochromacy



Original Color

53.6511, 0.2916, 0.3239

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.8380, 0.3049, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6511, 0.2916, 0.3239 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, 198, 202)` looks like.

```
.text, #text, p{  
    color:rgb(174, 198, 202)  
}
```

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, 198, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 198, 202) }
```

Border

The CSS property to change the border of an element to Yxy 53.6511, 0.2916, 0.3239 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, 198, 202) }
```

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

```
.border{ border-color:rgb(174, 198, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 198, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 198, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 198, 202); box-shadow:4px 4px 4px 4px rgb(174, 198, 202) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6511, 0.2916, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 198, 202) }
```

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

```
.background{ background-color: rgb(174,  
198, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor