

Converting Colors

$Yxy(54.3670, 0.2714, 0.3111)$

Have a look what the booklet for
Yxy(54.3670, 0.2714, 0.3111)
contains.

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Color

Yxy(54.3670, 0.2714, 0.3111)

Conversions

Conversions Part 1

Format	Color
Hex	9DCAD8
RGB	157, 202, 216
RGB Percent	62%, 79%, 85%
CMY	0.3841, 0.2079, 0.1529
CMYK	0.27, 0.06, 0.00, 0.15
HSL	194°, 43%, 73%
HSV	194°, 27%, 85%
XYZ	47.4291, 54.3670, 72.9612
YIQ	190.1410, -31.3140, -5.1860

Conversions

Conversions Part 2

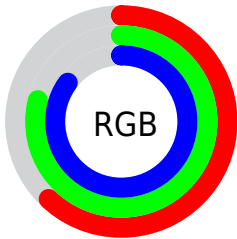
Format	Color
RYB	157, 183, 216
Decimal	10341080
CIELab	78.68, -11.50, -11.78
CIElCh	79, 16.460, 225.703
Yxy	54.3670, 0.2714, 0.3111
Android (android.graphics.Color)	4288531160 (0xFF9DCAD8)
YUV	190.1410, 12.7485, -29.0647
Hunter-Lab	73.7340, -14.2149, -7.0548

Details

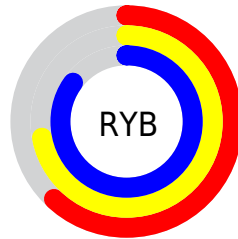
The Yxy color **54.3670, 0.2714, 0.3111** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.1916, 0.3671, 0.3462**, and the grayscale version is **51.5246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8861, 0.2877, 0.3289**, and **26.6961, 0.2610, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **50.0140, 0.2573, 0.3035**, and if you desaturate by 10%, it is **59.1887, 0.2863, 0.3182**.

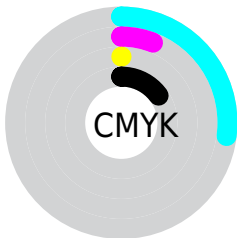
Distribution



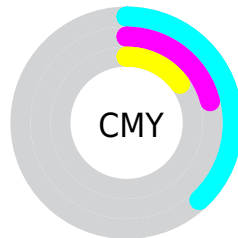
- Red (62%)
- Green (79%)
- Blue (85%)



- Red (62%)
- Yellow (72%)
- Blue (85%)



- Cyan (27%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (38%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3670, 0.2714, 0.3111 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 54.3670, 0.2714, 0.3111 by changing the saturation by 10% instead.

■ 54.3670, 0.2714,
0.3111

■ 54.3670, 0.2714,
0.3111

403.5080, 0.2912,
0.3201

■ 38.8951, 0.2667,
0.3089

■ 96.6129, 0.2784,
0.3144

■ 26.6782, 0.2608,
0.3060

■ 124.1557, 0.2811,
0.3156

■ 17.3317, 0.2531,
0.3022

156.4910, 0.2834,
0.3166

■ 10.4712, 0.2429,
0.2969

194.0031, 0.2854,
0.3175

■ 5.7125, 0.2285,
0.2891

237.0765, 0.2871,
0.3183

■ 2.6711, 0.2068,
0.2766

286.0955, 0.2887,

■ 0.9625, 0.1674,

0.3190

0.2549

341.4445, 0.2900,
0.3196

0.0000, 0.0000,
0.0000

54.3670, 0.2714,
0.3111

54.3670, 0.2714,
0.3111

50.0140, 0.2573,
0.3035

59.1887, 0.2863,
0.3182

46.1022, 0.2442,
0.2954

64.4920, 0.3015,
0.3247

42.6109, 0.2324,
0.2869

70.2974, 0.3169,
0.3305

39.5149, 0.2224,
0.2782

76.6222, 0.3321,
0.3358

36.7855, 0.2142,
0.2694

81.5228, 0.3398,
0.3408

■ 34.3896, 0.2080,
0.2605

■ 84.3853, 0.3390,
0.3458

■ 32.2828, 0.2037,
0.2518

■ 87.3324, 0.3382,
0.3509

■ 31.7407, 0.2026,
0.2494

■ 90.3648, 0.3375,
0.3558

■ 93.4832, 0.3367,
0.3607

Harmonies

Analogous

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



54.3670, 0.2791, 0.3306



54.3670, 0.2714, 0.3111



54.3670, 0.2743, 0.2974

Triad

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



54.3670, 0.2714, 0.3111



54.3670, 0.3293, 0.3088



54.3670, 0.3380, 0.3675

Complementary

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



54.3670, 0.2714, 0.3111



46.1916, 0.3671, 0.3462

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.



54.3670, 0.3523, 0.3598



54.3670, 0.2714, 0.3111



54.3670, 0.3474, 0.3260

Square

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



54.3670, 0.2714, 0.3111



54.3670, 0.3071, 0.2967



54.3670, 0.3559, 0.3445



54.3670, 0.3171, 0.3643

Rectangle

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



54.3670, 0.2714, 0.3111



54.3670, 0.2819, 0.2930



54.3670, 0.3559, 0.3445



54.3670, 0.3437, 0.3660

Sweetspot

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



54.3692, 0.2714, 0.3111



93.2784, 0.3003, 0.3242



59.2215, 0.3004, 0.3884



19.7063, 0.2980, 0.3232



0.0000, 0.0000, 0.0000



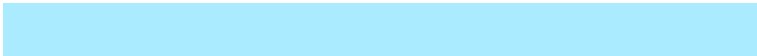
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3692, 0.2714, 0.3111



75.2733, 0.2628, 0.3066



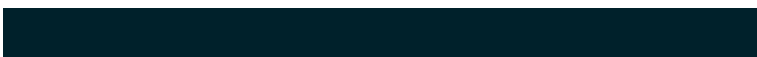
41.9365, 0.2676, 0.2722



13.5841, 0.2982, 0.3233



18.9606, 0.2030, 0.2508



1.2671, 0.2072, 0.2658

Inverse Universe

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



42.9994, 0.3282, 0.2765



56.3269, 0.3325, 0.2647



58.4774, 0.3582, 0.3799



12.5799, 0.3174, 0.3114



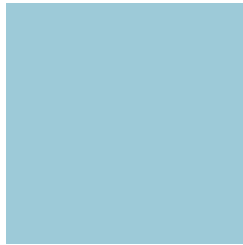
10.2589, 0.3915, 0.1930



0.6312, 0.3768, 0.1849

Previews

White Background



This preview shows how the Yxy color 54.3670, 0.2714, 0.3111 looks on a white background.

Color Contrast Check

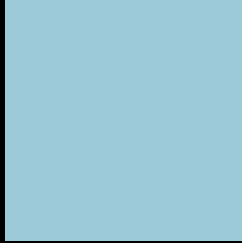
Large Text (above 18pt) WCAG AA × Fail

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 54.3670, 0.2714, 0.3111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

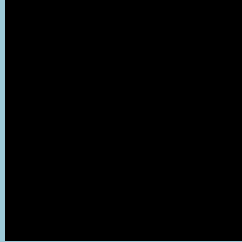
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

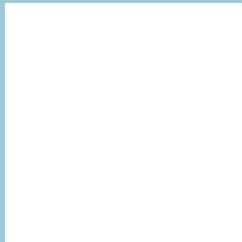
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3670, 0.2714, 0.3111

Background



This preview shows how black text looks on a background with the Yxy color 54.3670, 0.2714, 0.3111.



This preview shows how white text looks on a background with the Yxy color 54.3670, 0.2714, 0.3111.

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

54.3670, 0.2714, 0.3111

Protanopia

54.1305, 0.3003, 0.3085

Deuteranopia

54.0662, 0.3009, 0.2939



Tritanopia

54.4711, 0.2702, 0.3087

Trichromacy



Original Color

54.3670, 0.2714, 0.3111

Protanomaly

53.9366, 0.2892, 0.3092

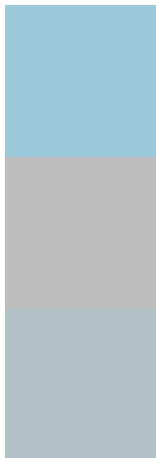
Deuteranomaly

54.0846, 0.2895, 0.3000

Tritanomaly

54.4189, 0.2708, 0.3099

Monochromacy



Original Color

54.3670, 0.2714, 0.3111

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.1721, 0.2966, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3670, 0.2714, 0.3111 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(157, 202, 216)` looks like.

```
.text, #text, p{  
    color:rgb(157, 202, 216)  
}
```

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(157, 202, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 202, 216) }
```

Border

The CSS property to change the border of an element to Yxy 54.3670, 0.2714, 0.3111 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(157, 202, 216) }
```

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

```
.border{ border-color:rgb(157, 202, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 202, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 202, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 202, 216);  
box-shadow:4px 4px 4px 4px rgb(157, 202,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3670, 0.2714, 0.3111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 202, 216) }
```

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

```
.background{ background-color: rgb(157,  
202, 216) }
```

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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