

Converting Colors

$Yxy(54.2375, 0.3077, 0.3645)$

Have a look what the booklet for
Yxy(54.2375, 0.3077, 0.3645)
contains.

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Color

Yxy(54.4649, 0.3080, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	ABCBAF
RGB	171, 203, 175
RGB Percent	67%, 80%, 69%
CMY	0.3292, 0.2040, 0.3137
CMYK	0.16, 0.00, 0.14, 0.20
HSL	127°, 23%, 73%
HSV	127°, 16%, 80%
XYZ	45.8966, 54.4649, 48.6533
YIQ	190.2400, -10.0840, -15.4920

Conversions

Conversions Part 2

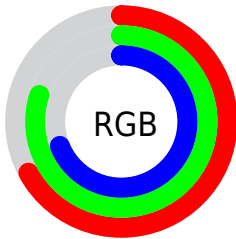
Format	Color
RYB	171, 199, 203
Decimal	11258799
CIELab	78.73, -16.06, 10.43
CIELCh	79, 19.148, 147.000
Yxy	54.4649, 0.3080, 0.3655
Android (android.graphics.Color)	4289448879 (0xFFABCBAF)
YUV	190.2400, -7.5133, -16.8735
Hunter-Lab	73.8003, -18.1412, 12.5729

Details

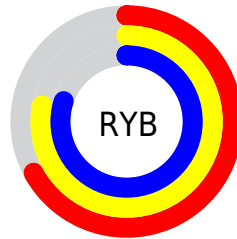
The Yxy color **54.4649, 0.3080, 0.3655** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.9653, 0.3178, 0.2950**, and the grayscale version is **51.6926, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6204, 0.3091, 0.3535**, and **26.7765, 0.3055, 0.3754** is the 20% darker color. If you saturate the color by 10%, you get **51.7056, 0.3050, 0.3925**, and if you desaturate by 10%, it is **57.6709, 0.3110, 0.3415**.

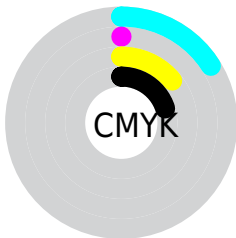
Distribution



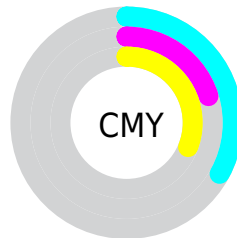
- Red (67%)
- Green (80%)
- Blue (69%)



- Red (67%)
- Yellow (78%)
- Blue (80%)



- Cyan (16%)
- Magenta (0%)
- Yellow (14%)
- Black (20%)





- Cyan (33%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4649, 0.3080, 0.3655 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 54.4649, 0.3080, 0.3655 by changing the saturation by 10% instead.


 54.4649, 0.3080,
0.3655

 54.4649, 0.3080,
0.3655

403.8803, 0.3105,
0.3473

 38.9735, 0.3073,
0.3700


 96.7565, 0.3089,
0.3589

 26.7391, 0.3064,
0.3759


124.3255, 0.3093,
0.3564

 17.3774, 0.3052,
0.3836


156.6891, 0.3096,
0.3543

 10.5039, 0.3034,
0.3944

194.2317, 0.3098,
0.3525

 5.7343, 0.3005,
0.4104

237.3377, 0.3100,
0.3509

 2.6842, 0.2954,
0.4368

286.3916, 0.3102,

 0.9692, 0.2895,

0.3496

0.5327

341.7777, 0.3104,
0.3484

0.0000, 0.0000,
0.0000

54.4649, 0.3080,
0.3655

54.4649, 0.3080,
0.3655

51.7056, 0.3050,
0.3925

57.6709, 0.3110,
0.3415

49.3667, 0.3020,
0.4221

61.3351, 0.3139,
0.3203

47.4295, 0.2994,
0.4537

65.4769, 0.3167,
0.3020

45.8713, 0.2973,
0.4862

70.1127, 0.3193,
0.2861

44.6670, 0.2959,
0.5176

71.1883, 0.3151,
0.2782

■ 43.7886, 0.2954,
0.5460

■ 43.2036, 0.2958,
0.5694

■ 42.8724, 0.2971,
0.5861

■ 42.7791, 0.2976,
0.5912

Harmonies

Analogous

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



54.4649, 0.3333, 0.3741



54.4649, 0.3080, 0.3655



54.4649, 0.2846, 0.3458

Triad

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



54.4649, 0.3080, 0.3655



54.4649, 0.2726, 0.2889



54.4649, 0.3584, 0.3335

Complementary

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



54.4649, 0.3080, 0.3655



45.9653, 0.3178, 0.2950

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.



54.4649, 0.3408, 0.3126



54.4649, 0.3080, 0.3655



54.4649, 0.2910, 0.2874

Square

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



54.4649, 0.3080, 0.3655



54.4649, 0.2647, 0.3010



54.4649, 0.3159, 0.2960



54.4649, 0.3631, 0.3542

Rectangle

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



54.4649, 0.3080, 0.3655



54.4649, 0.2731, 0.3297



54.4649, 0.3159, 0.2960



54.4649, 0.3537, 0.3263

Sweetspot

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



54.4672, 0.3080, 0.3655



96.9628, 0.3112, 0.3400



57.8290, 0.3331, 0.3681



20.6661, 0.3110, 0.3416



0.0000, 0.0000, 0.0000



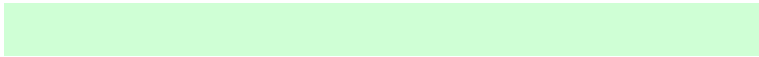
21.4041, 0.3127, 0.3290

Same Dimension

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



54.4672, 0.3080, 0.3655



89.5020, 0.3069, 0.3747



55.1223, 0.2972, 0.3446



12.5592, 0.3099, 0.3499



27.2340, 0.2972, 0.5898



1.4126, 0.2897, 0.5628

Inverse Universe

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



45.9653, 0.3178, 0.2950



72.5074, 0.3191, 0.2872



45.2713, 0.3313, 0.3139



11.3789, 0.3156, 0.3089



10.1312, 0.3546, 0.1727



0.5295, 0.3471, 0.1686

Previews

White Background



This preview shows how the Yxy color 54.4649, 0.3080, 0.3655 looks on a white background.

Color Contrast Check

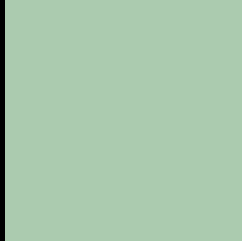
Large Text (above 18pt) WCAG AA × Fail

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 54.4649, 0.3080, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

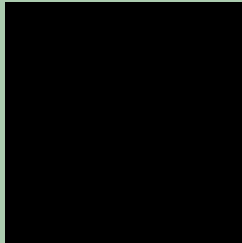
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4649, 0.3080, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 54.4649, 0.3080, 0.3655.



This preview shows how white text looks on a background with the Yxy color 54.4649, 0.3080, 0.3655.

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

54.4649, 0.3080, 0.3655

Protanopia

54.1824, 0.3386, 0.3585

Deuteranopia

54.2409, 0.3470, 0.3408



Tritanopia

54.6572, 0.2872, 0.3105

Trichromacy



Original Color

54.4649, 0.3080, 0.3655

Protanomaly

53.9874, 0.3265, 0.3605

Deuteranomaly

53.8708, 0.3324, 0.3486

Tritanomaly

54.5460, 0.2945, 0.3302

Monochromacy



Original Color

54.4649, 0.3080, 0.3655

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.6003, 0.3105, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4649, 0.3080, 0.3655 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(171, 203, 175)` looks like.

```
.text, #text, p{  
    color:rgb(171, 203, 175)  
}
```

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(171, 203, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 203, 175) }
```

Border

The CSS property to change the border of an element to Yxy 54.4649, 0.3080, 0.3655 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(171, 203, 175) }
```

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

```
.border{ border-color:rgb(171, 203, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 203, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 203, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 203, 175);  
box-shadow:4px 4px 4px 4px rgb(171, 203,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4649, 0.3080, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 203, 175) }
```

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

```
.background{ background-color: rgb(171,  
203, 175) }
```

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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