

Converting Colors

Yxy(54.4483, 0.3145, 0.3744)

Have a look what the booklet for
Yxy(54.4483, 0.3145, 0.3744)
contains.

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Color

Yxy(54.4233, 0.3144, 0.3748)

Conversions

Conversions Part 1

Format	Color
Hex	ADCBA8
RGB	173, 203, 168
RGB Percent	68%, 80%, 66%
CMY	0.3216, 0.2039, 0.3413
CMYK	0.15, 0.00, 0.17, 0.20
HSL	111°, 25%, 73%
HSV	111°, 17%, 80%
XYZ	45.6528, 54.4233, 45.1301
YIQ	190.0400, -6.6450, -17.2450

Conversions

Conversions Part 2

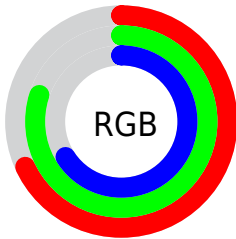
Format	Color
R _Y B	168, 203, 198
Decimal	11389864
CIE Lab	78.71, -16.65, 14.17
CIE LCh	79, 21.864, 139.600
Yxy	54.4233, 0.3144, 0.3748
Android (android.graphics.Color)	4289579944 (0xFFADCBA8)
YUV	190.0400, -10.8657, -14.9441
Hunter-Lab	73.7721, -18.6391, 15.3699

Details

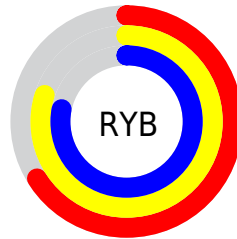
The Yxy color **54.4233, 0.3144, 0.3748** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.3127, 0.3103, 0.2861**, and the grayscale version is **51.5821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5057, 0.3149, 0.3618**, and **26.7489, 0.3140, 0.3880** is the 20% darker color. If you saturate the color by 10%, you get **51.8717, 0.3150, 0.4054**, and if you desaturate by 10%, it is **57.3559, 0.3135, 0.3471**.

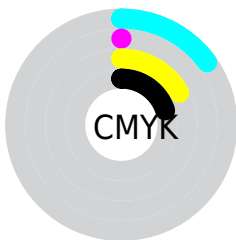
Distribution



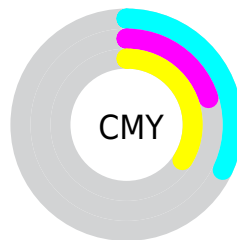
- Red (68%)
- Green (80%)
- Blue (66%)



- Red (66%)
- Yellow (80%)
- Blue (78%)



- Cyan (15%)
- Magenta (0%)
- Yellow (17%)
- Black (20%)





- Cyan (32%)
- Magenta (20%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4233, 0.3144, 0.3748 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 54.4233, 0.3144, 0.3748 by changing the saturation by 10% instead.


 54.4233, 0.3144,
0.3748

 54.4233, 0.3144,
0.3748


403.7221, 0.3139,
0.3519

 38.9402, 0.3144,
0.3805


 96.6955, 0.3143,
0.3665

 26.7132, 0.3144,
0.3879


124.2533, 0.3142,
0.3633

 17.3579, 0.3142,
0.3977


156.6049, 0.3142,
0.3607

 10.4900, 0.3139,
0.4113

194.1346, 0.3141,
0.3584

 5.7251, 0.3128,
0.4316

237.2267, 0.3141,
0.3565

 2.6786, 0.3101,
0.4649

286.2658, 0.3140,

 0.9663, 0.3321,

0.3547

0.6295

341.6361, 0.3139,
0.3532

0.0000, 0.0000,
0.0000

54.4233, 0.3144,
0.3748

54.4233, 0.3144,
0.3748

51.8717, 0.3150,
0.4054

57.3559, 0.3135,
0.3471

49.6787, 0.3153,
0.4384

60.6770, 0.3124,
0.3226

47.8302, 0.3150,
0.4727

64.4026, 0.3112,
0.3010

46.3086, 0.3141,
0.5066

68.5457, 0.3100,
0.2822

45.0944, 0.3124,
0.5379

71.1968, 0.3151,
0.2782

■ 44.1664, 0.3101,
0.5641

■ 43.5002, 0.3073,
0.5833

■ 43.0660, 0.3044,
0.5947

■ 42.9788, 0.3038,
0.5970

Harmonies

Analogous

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



54.4233, 0.3427, 0.3807



54.4233, 0.3144, 0.3748



54.4233, 0.2866, 0.3546

Triad

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



54.4233, 0.3144, 0.3748



54.4233, 0.2637, 0.2856



54.4233, 0.3612, 0.3278

Complementary

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



54.4233, 0.3144, 0.3748



44.3127, 0.3103, 0.2861

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.



54.4233, 0.3382, 0.3050



54.4233, 0.3144, 0.3748



54.4233, 0.2818, 0.2811

Square

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



54.4233, 0.3144, 0.3748



54.4233, 0.2581, 0.3019



54.4233, 0.3089, 0.2883



54.4233, 0.3706, 0.3519

Rectangle

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



54.4233, 0.3144, 0.3748



54.4233, 0.2719, 0.3366



54.4233, 0.3089, 0.2883



54.4233, 0.3547, 0.3198

Sweetspot

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



54.4256, 0.3144, 0.3748



97.1923, 0.3133, 0.3415



55.8002, 0.3394, 0.3654



20.7216, 0.3133, 0.3433



0.0000, 0.0000, 0.0000



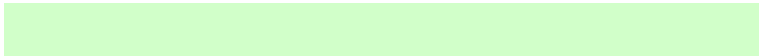
21.4041, 0.3127, 0.3290

Same Dimension

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



54.4256, 0.3144, 0.3748



89.3301, 0.3147, 0.3868



54.3435, 0.3021, 0.3587



12.6127, 0.3137, 0.3528



27.3724, 0.3043, 0.5966



1.4376, 0.3149, 0.5882

Inverse Universe

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



44.3127, 0.3103, 0.2861



69.0389, 0.3096, 0.2757



44.4435, 0.3251, 0.3010



11.3192, 0.3115, 0.3060



8.4975, 0.2853, 0.1345



0.4612, 0.2927, 0.1386

Previews

White Background



This preview shows how the Yxy color 54.4233, 0.3144, 0.3748 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 54.4233, 0.3144, 0.3748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

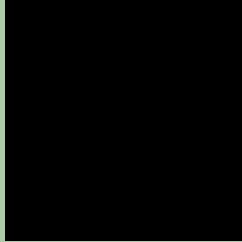
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4233, 0.3144, 0.3748

Background



This preview shows how black text looks on a background with the Yxy color 54.4233, 0.3144, 0.3748.



This preview shows how white text looks on a background with the Yxy color 54.4233, 0.3144, 0.3748.

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

54.4233, 0.3144, 0.3748

Protanopia

54.2071, 0.3458, 0.3670

Deuteranopia

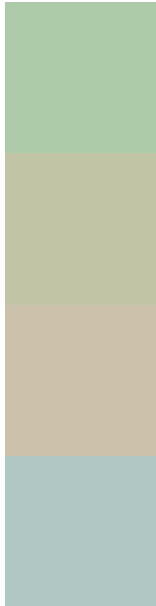
54.0105, 0.3557, 0.3478



Tritanopia

54.3893, 0.2893, 0.3105

Trichromacy



Original Color

54.4233, 0.3144, 0.3748

Protanomaly

53.9866, 0.3335, 0.3693

Deuteranomaly

53.8796, 0.3396, 0.3572

Tritanomaly

54.1795, 0.2980, 0.3328

Monochromacy



Original Color

54.4233, 0.3144, 0.3748

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.5980, 0.3135, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4233, 0.3144, 0.3748 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(173, 203, 168)` looks like.

```
.text, #text, p{  
    color:rgb(173, 203, 168)  
}
```

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(173, 203, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 203, 168) }
```

Border

The CSS property to change the border of an element to Yxy 54.4233, 0.3144, 0.3748 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(173, 203, 168) }
```

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

```
.border{ border-color:rgb(173, 203, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 203, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 203, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 203, 168);  
box-shadow:4px 4px 4px 4px rgb(173, 203,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4233, 0.3144, 0.3748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 203, 168) }
```

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

```
.background{ background-color: rgb(173,  
203, 168) }
```

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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