

Converting Colors

Yxy(54.8081, 0.3472, 0.3867)

Have a look what the booklet for
Yxy(54.8081, 0.3472, 0.3867)
contains.

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Color

Yxy(54.6609, 0.3474, 0.3864)

Conversions

Conversions Part 1

Format	Color
Hex	C6C698
RGB	198, 198, 152
RGB Percent	78%, 78%, 60%
CMY	0.2236, 0.2235, 0.4040
CMYK	0.00, 0.00, 0.23, 0.22
HSL	60°, 29%, 69%
HSV	60°, 23%, 78%
XYZ	49.1439, 54.6609, 37.6572
YIQ	192.7560, 14.7660, -14.3060

Conversions

Conversions Part 2

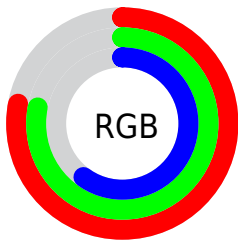
Format	Color
RYB	152, 198, 152
Decimal	13026968
CIELab	78.85, -7.51, 23.14
CIELCh	79, 24.327, 107.973
Yxy	54.6609, 0.3474, 0.3864
Android (android.graphics.Color)	4291217048 (0xFFC6C698)
YUV	192.7560, -20.0927, 4.5990
Hunter-Lab	73.9330, -10.7323, 21.5542

Details

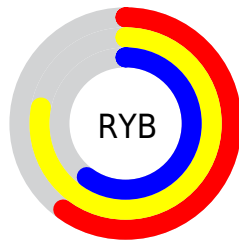
The Yxy color **54.6609, 0.3474, 0.3864** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.2054, 0.2736, 0.2644**, and the grayscale version is **53.2897, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2362, 0.3418, 0.3770**, and **26.8154, 0.3563, 0.4010** is the 20% darker color. If you saturate the color by 10%, you get **54.0655, 0.3623, 0.4110**, and if you desaturate by 10%, it is **55.3695, 0.3323, 0.3614**.

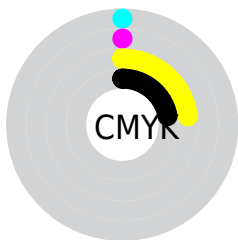
Distribution



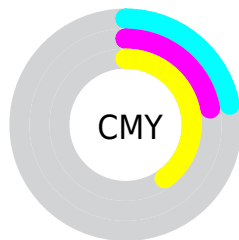
- Red (78%)
- Green (78%)
- Blue (60%)



- Red (60%)
- Yellow (78%)
- Blue (60%)



- Cyan (0%)
- Magenta (0%)
- Yellow (23%)
- Black (22%)




- Cyan (22%)
- Magenta (22%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6609, 0.3474, 0.3864 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 54.6609, 0.3474, 0.3864 by changing the saturation by 10% instead.


 54.6609, 0.3474,
0.3864

 54.6609, 0.3474,
0.3864


404.6252, 0.3309,
0.3581

 39.1303, 0.3513,
0.3933


 97.0439, 0.3416,
0.3762

 26.8611, 0.3560,
0.4020


 124.6652, 0.3393,
0.3724

 17.4689, 0.3621,
0.4134


157.0854, 0.3374,
0.3691

 10.5694, 0.3700,
0.4288

194.6890, 0.3358,
0.3663

 5.7781, 0.3804,
0.4507

237.8604, 0.3343,
0.3639

 2.7106, 0.3963,
0.4863

286.9840, 0.3330,

 0.9826, 0.4321,

0.3617

0.5679

342.4441, 0.3319,
0.3598

0.0000, 0.0000,
0.0000

54.6609, 0.3474,
0.3864

54.6609, 0.3474,
0.3864

54.0655, 0.3623,
0.4110

55.3695, 0.3323,
0.3614

53.5707, 0.3764,
0.4344

56.1889, 0.3174,
0.3368

53.1729, 0.3892,
0.4555

57.1263, 0.3031,
0.3132

52.8658, 0.4000,
0.4735

58.1862, 0.2897,
0.2909

52.6423, 0.4085,
0.4877

59.3727, 0.2771,
0.2701

■ 52.4940, 0.4145,
0.4976

■ 59.6308, 0.2747,
0.2661

■ 52.4109, 0.4179,
0.5032

■ 59.6331, 0.2747,
0.2661

■ 52.3794, 0.4192,
0.5054

■ 59.6354, 0.2748,
0.2661

■ 59.6376, 0.2748,
0.2661

Harmonies

Analogous

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



54.6609, 0.3700, 0.3751



54.6609, 0.3474, 0.3864



54.6609, 0.3162, 0.3810

Triad

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



54.6609, 0.3474, 0.3864



54.6609, 0.2525, 0.3001



54.6609, 0.3393, 0.3012

Complementary

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



54.6609, 0.3474, 0.3864



33.2054, 0.2736, 0.2644

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.



54.6609, 0.3066, 0.2833



54.6609, 0.3474, 0.3864



54.6609, 0.2577, 0.2815

Square

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



54.6609, 0.3474, 0.3864



54.6609, 0.2622, 0.3285



54.6609, 0.2770, 0.2760



54.6609, 0.3656, 0.3261

Rectangle

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



54.6609, 0.3474, 0.3864



54.6609, 0.2949, 0.3679



54.6609, 0.2770, 0.2760



54.6609, 0.3286, 0.2943

Sweetspot

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



54.6633, 0.3474, 0.3864



98.9003, 0.3231, 0.3462



36.7243, 0.3601, 0.3291



21.1495, 0.3240, 0.3477



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.



54.6633, 0.3474, 0.3864



96.2124, 0.3552, 0.3992



51.7747, 0.3281, 0.3901



12.4166, 0.3265, 0.3518



34.0584, 0.4192, 0.5054



1.6128, 0.4192, 0.5053

Inverse Universe

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



33.2054, 0.2736, 0.2644



51.4835, 0.2635, 0.2476



35.6417, 0.2940, 0.2680



10.2879, 0.2983, 0.3051



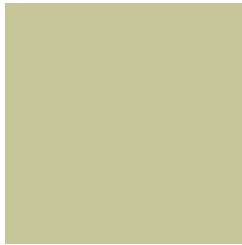
2.6524, 0.1500, 0.0600



0.1257, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 54.6609, 0.3474, 0.3864 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 54.6609, 0.3474, 0.3864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

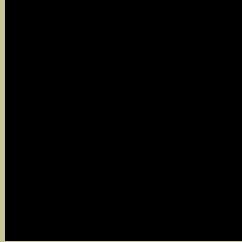
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.6609, 0.3474, 0.3864

Background



This preview shows how black text looks on a background with the Yxy color 54.6609, 0.3474, 0.3864.



This preview shows how white text looks on a background with the Yxy color 54.6609, 0.3474, 0.3864.

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

54.6609, 0.3474, 0.3864

Protanopia

54.6745, 0.3576, 0.3825

Deuteranopia

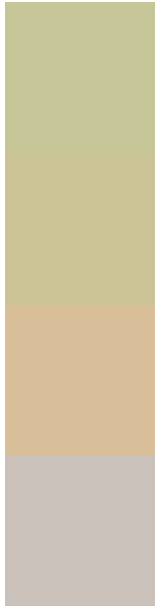
54.3677, 0.3754, 0.3671



Tritanopia

54.6970, 0.3127, 0.3113

Trichromacy



Original Color

54.6609, 0.3474, 0.3864

Protanomaly

54.5516, 0.3539, 0.3843

Deuteranomaly

54.3132, 0.3651, 0.3742

Tritanomaly

54.6853, 0.3253, 0.3387

Monochromacy



Original Color

54.6609, 0.3474, 0.3864

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.8467, 0.3255, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6609, 0.3474, 0.3864 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(198, 198, 152)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 152)  
}
```

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(198, 198, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 152) }
```

Border

The CSS property to change the border of an element to Yxy 54.6609, 0.3474, 0.3864 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(198, 198, 152) }
```

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

```
.border{ border-color:rgb(198, 198, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 198, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 152);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6609, 0.3474, 0.3864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 152) }
```

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

```
.background{ background-color: rgb(198,  
198, 152) }
```

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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