

Converting Colors

Yxy(54.2350, 0.3373, 0.4104)

Have a look what the booklet for
Yxy(54.2350, 0.3373, 0.4104)
contains.

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Color

Yxy(54.0999, 0.3375, 0.4101)

Conversions

Conversions Part 1

Format	Color
Hex	B2CB8D
RGB	178, 203, 141
RGB Percent	70%, 80%, 55%
CMY	0.3020, 0.2039, 0.4470
CMYK	0.12, 0.00, 0.31, 0.20
HSL	84°, 37%, 67%
HSV	84°, 31%, 80%
XYZ	44.5226, 54.0999, 33.2963
YIQ	188.4570, 5.0020, -24.5820

Conversions

Conversions Part 2

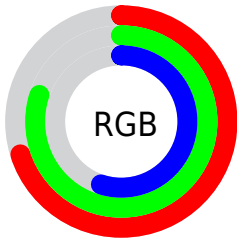
Format	Color
RYB	141, 203, 166
Decimal	11717517
CIELab	78.52, -19.10, 28.22
CIELCh	79, 34.077, 124.088
Yxy	54.0999, 0.3375, 0.4101
Android (android.graphics.Color)	4289907597 (0xFFB2CB8D)
YUV	188.4570, -23.3963, -9.1708
Hunter-Lab	73.5526, -20.6682, 24.6470

Details

The Yxy color **54.0999, 0.3375, 0.4101** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.4725, 0.2811, 0.2455**, and the grayscale version is **50.6972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9526, 0.3344, 0.3908**, and **26.5931, 0.3432, 0.4335** is the 20% darker color. If you saturate the color by 10%, you get **52.6122, 0.3446, 0.4388**, and if you desaturate by 10%, it is **55.7609, 0.3296, 0.3820**.

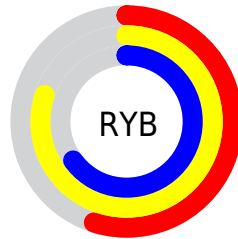
Distribution



Red (70%)

Green (80%)

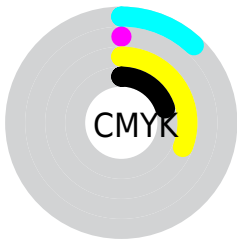
Blue (55%)



Red (55%)

Yellow (80%)

Blue (65%)

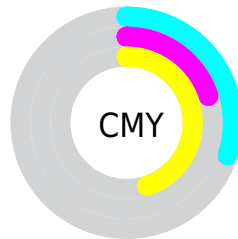


Cyan (12%)

Magenta (0%)

Yellow (31%)

Black (20%)



Cyan (30%)


Magenta (20%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0999, 0.3375, 0.4101 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 54.0999, 0.3375, 0.4101 by changing the saturation by 10% instead.


 54.0999, 0.3375,
0.4101

 54.0999, 0.3375,
0.4101


402.4908, 0.3263,
0.3693


 38.6815, 0.3399,
0.4203


 96.2209, 0.3338,
0.3953

 26.5121, 0.3426,
0.4332


 123.6923, 0.3323,
0.3897

 17.2071, 0.3458,
0.4504


 155.9503, 0.3310,
0.3850

 10.3823, 0.3493,
0.4739

193.3791, 0.3298,
0.3810

 5.6531, 0.3524,
0.5078

236.3631, 0.3288,
0.3775

 2.6353, 0.3643,
0.5788

285.2868, 0.3279,

 0.9445, 0.3130,

0.3744

0.6870

340.5346, 0.3271,
0.3717

0.0000, 0.0000,
0.0000

54.0999, 0.3375,
0.4101

54.0999, 0.3375,
0.4101

52.6122, 0.3446,
0.4388

55.7609, 0.3296,
0.3820

51.2837, 0.3506,
0.4670

57.5948, 0.3214,
0.3553

50.1091, 0.3549,
0.4936


59.6100, 0.3132,
0.3303

49.0799, 0.3571,
0.5172


61.8124, 0.3051,
0.3073

48.1867, 0.3569,
0.5365


64.2076, 0.2974,
0.2864


 47.4182, 0.3543,
0.5508

 66.2875, 0.2951,
0.2750

 46.7875, 0.3502,
0.5601

 67.6522, 0.3009,
0.2759

 69.0811, 0.3068,
0.2768

 70.5751, 0.3127,
0.2778

Harmonies

Analogous

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



54.0999, 0.3775, 0.4043



54.0999, 0.3375, 0.4101



54.0999, 0.2927, 0.3893

Triad

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



54.0999, 0.3375, 0.4101



54.0999, 0.2312, 0.2720



54.0999, 0.3720, 0.3077

Complementary

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



54.0999, 0.3375, 0.4101



31.4725, 0.2811, 0.2455

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.



54.0999, 0.3285, 0.2780



54.0999, 0.3375, 0.4101



54.0999, 0.2488, 0.2571

Square

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



54.0999, 0.3375, 0.4101



54.0999, 0.2333, 0.3045



54.0999, 0.2833, 0.2598



54.0999, 0.3992, 0.3435

Rectangle

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



54.0999, 0.3375, 0.4101



54.0999, 0.2661, 0.3633



54.0999, 0.2833, 0.2598



54.0999, 0.3586, 0.2969

Sweetspot

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



54.1023, 0.3375, 0.4101



96.8951, 0.3202, 0.3516



41.8225, 0.3715, 0.3610



20.6372, 0.3215, 0.3554



0.0000, 0.0000, 0.0000



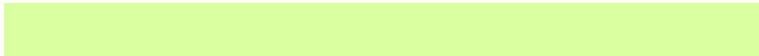
21.4041, 0.3127, 0.3290

Same Dimension

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



54.1023, 0.3375, 0.4101



88.8227, 0.3426, 0.4300



50.8602, 0.3131, 0.4166



12.8622, 0.3205, 0.3523



29.8275, 0.3511, 0.5594



1.5823, 0.3644, 0.5489

Inverse Universe

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



31.4725, 0.2811, 0.2455



44.6907, 0.2720, 0.2243



35.2076, 0.3102, 0.2524



11.0612, 0.3044, 0.3055



3.9327, 0.1858, 0.0797



0.2468, 0.2084, 0.0922

Previews

White Background



This preview shows how the Yxy color 54.0999, 0.3375, 0.4101 looks on a white background.

Color Contrast Check

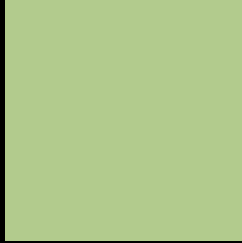
Large Text (above 18pt) WCAG AA × Fail

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 54.0999, 0.3375, 0.4101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

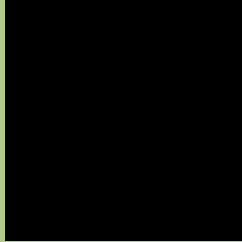
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0999, 0.3375, 0.4101

Background



This preview shows how black text looks on a background with the Yxy color 54.0999, 0.3375, 0.4101.



This preview shows how white text looks on a background with the Yxy color 54.0999, 0.3375, 0.4101.

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

54.0999, 0.3375, 0.4101

Protanopia

53.9450, 0.3698, 0.3982

Deuteranopia

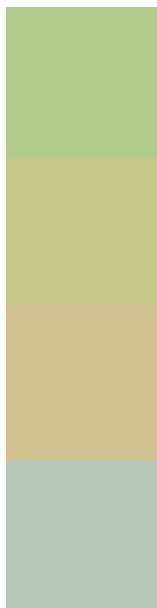
53.8202, 0.3843, 0.3762



Tritanopia

53.9281, 0.2965, 0.3095

Trichromacy



Original Color

54.0999, 0.3375, 0.4101

Protanomaly

53.7732, 0.3583, 0.4027

Deuteranomaly

53.4145, 0.3659, 0.3873

Tritanomaly

53.6256, 0.3112, 0.3442

Monochromacy



Original Color

54.0999, 0.3375, 0.4101

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.2705, 0.3220, 0.3574

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0999, 0.3375, 0.4101 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(178, 203, 141)` looks like.

```
.text, #text, p{  
    color:rgb(178, 203, 141)  
}
```

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(178, 203, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 203, 141) }
```

Border

The CSS property to change the border of an element to Yxy 54.0999, 0.3375, 0.4101 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(178, 203, 141) }
```

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

```
.border{ border-color:rgb(178, 203, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 203, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 203, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 203, 141);  
box-shadow:4px 4px 4px 4px rgb(178, 203,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0999, 0.3375, 0.4101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 203, 141) }
```

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

```
.background{ background-color: rgb(178,  
203, 141) }
```

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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