

Converting Colors

Yxy(51.5317, 0.3555, 0.4051)

Have a look what the booklet for
Yxy(51.5317, 0.3555, 0.4051)
contains.

Yxy(51.4092, 0.3554, 0.4047)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.4092, 0.3554, 0.4047)

Conversions

Conversions Part 1

Format	Color
Hex	BFC287
RGB	191, 194, 135
RGB Percent	75%, 76%, 53%
CMY	0.2511, 0.2392, 0.4705
CMYK	0.02, 0.00, 0.30, 0.24
HSL	63°, 33%, 65%
HSV	63°, 30%, 76%
XYZ	45.1466, 51.4092, 30.4746
YIQ	186.3770, 17.1510, -18.9850

Conversions

Conversions Part 2

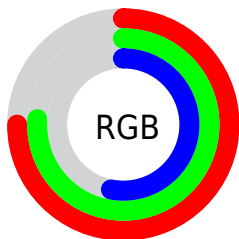
Format	Color
RYB	135, 194, 138
Decimal	12567175
CIELab	76.93, -10.42, 29.39
CIELCh	77, 31.187, 109.526
Yxy	51.4092, 0.3554, 0.4047
Android (android.graphics.Color)	4290757255 (0xFFBFC287)
YUV	186.3770, -25.3289, 4.0544
Hunter-Lab	71.7002, -13.0814, 24.9902

Details

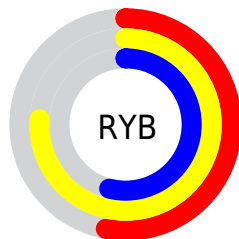
The Yxy color **51.4092, 0.3554, 0.4047** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.6404, 0.2622, 0.2417**, and the grayscale version is **49.4629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0018, 0.3483, 0.3904**, and **25.0240, 0.3653, 0.4256** is the 20% darker color. If you saturate the color by 10%, you get **50.7845, 0.3689, 0.4291**, and if you desaturate by 10%, it is **52.1390, 0.3413, 0.3795**.

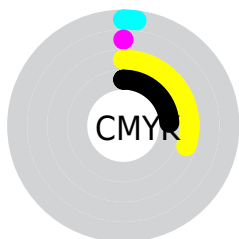
Distribution



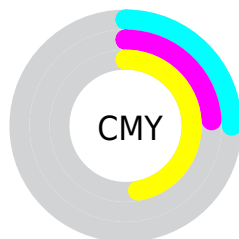
- Red (75%)
- Green (76%)
- Blue (53%)



- Red (53%)
- Yellow (76%)
- Blue (54%)



- Cyan (2%)
- Magenta (0%)
- Yellow (30%)
- Black (24%)





- Cyan (25%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.4092, 0.3554, 0.4047 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 51.4092, 0.3554, 0.4047 by changing the saturation by 10% instead.

 51.4092, 0.3554,
0.4047


 51.4092, 0.3554,
0.4047


392.1515, 0.3351,
0.3669


 36.5344, 0.3600,
0.4140

 92.2594, 0.3483,
0.3911

 24.8472, 0.3657,
0.4257


 119.0035, 0.3456,
0.3859

 15.9632, 0.3728,
0.4411


 150.4728, 0.3432,
0.3816

 9.4981, 0.3815,
0.4618

187.0517, 0.3412,
0.3778

 5.0675, 0.3921,
0.4909

229.1247, 0.3394,
0.3746

 2.2869, 0.4305,
0.5695

277.0760, 0.3378,

 0.7668, 0.3822,

0.3717

0.6178

331.2902, 0.3364,
0.3692

0.0000, 0.0000,
0.0000

51.4092, 0.3554,
0.4047

51.4092, 0.3554,
0.4047

50.7845, 0.3689,
0.4291

52.1390, 0.3413,
0.3795

50.2525, 0.3811,
0.4518

52.9720, 0.3272,
0.3544

49.8096, 0.3917,
0.4717


53.9152, 0.3133,
0.3300


49.4493, 0.4000,
0.4881


54.9729, 0.3000,
0.3067


49.1640, 0.4059,
0.5003

56.1493, 0.2874,
0.2850


 48.9448, 0.4091,
0.5081

 57.4483, 0.2758,
0.2650

 48.7800, 0.4103,
0.5124

 57.8113, 0.2743,
0.2616

 57.9477, 0.2750,
0.2617

 58.0850, 0.2757,
0.2618

Harmonies

Analogous

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



51.4092, 0.3862, 0.3896



51.4092, 0.3554, 0.4047



51.4092, 0.3144, 0.3972

Triad

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



51.4092, 0.3554, 0.4047



51.4092, 0.2350, 0.2889



51.4092, 0.3494, 0.2946

Complementary

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



51.4092, 0.3554, 0.4047



26.6404, 0.2622, 0.2417

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.



51.4092, 0.3065, 0.2713



51.4092, 0.3554, 0.4047



51.4092, 0.2427, 0.2665

Square

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



51.4092, 0.3554, 0.4047



51.4092, 0.2462, 0.3256



51.4092, 0.2680, 0.2610



51.4092, 0.3835, 0.3262

Rectangle

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



51.4092, 0.3554, 0.4047



51.4092, 0.2870, 0.3790



51.4092, 0.2680, 0.2610



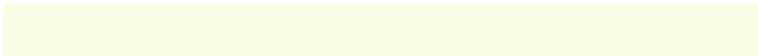
51.4092, 0.3354, 0.2857

Sweetspot

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



51.4115, 0.3554, 0.4047



96.1627, 0.3254, 0.3512



31.3913, 0.3791, 0.3332



21.0061, 0.3275, 0.3549



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.



51.4115, 0.3554, 0.4047



92.4102, 0.3638, 0.4199



47.9755, 0.3300, 0.4114



11.7310, 0.3257, 0.3518



32.0782, 0.4105, 0.5123



1.3942, 0.4126, 0.5106

Inverse Universe

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



26.6404, 0.2622, 0.2417



40.8802, 0.2500, 0.2209



29.4979, 0.2898, 0.2482



9.7722, 0.2991, 0.3052



2.6143, 0.1519, 0.0610



0.1217, 0.1587, 0.0648

Previews

White Background



This preview shows how the Yxy color 51.4092, 0.3554, 0.4047 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 51.4092, 0.3554, 0.4047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

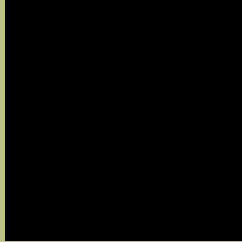
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.4092, 0.3554, 0.4047

Background



This preview shows how black text looks on a background with the Yxy color 51.4092, 0.3554, 0.4047.



This preview shows how white text looks on a background with the Yxy color 51.4092, 0.3554, 0.4047.

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

51.4092, 0.3554, 0.4047

Protanopia

51.4995, 0.3709, 0.3994

Deuteranopia

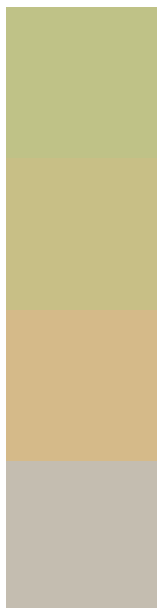
51.2984, 0.3883, 0.3804



Tritanopia

51.4301, 0.3127, 0.3120

Trichromacy



Original Color

51.4092, 0.3554, 0.4047

Protanomaly

51.2622, 0.3653, 0.4005

Deuteranomaly

51.0701, 0.3765, 0.3884

Tritanomaly

51.2655, 0.3287, 0.3453

Monochromacy



Original Color

51.4092, 0.3554, 0.4047

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.8766, 0.3290, 0.3574

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4092, 0.3554, 0.4047 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(191, 194, 135)` looks like.

```
.text, #text, p{  
    color:rgb(191, 194, 135)  
}
```

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(191, 194, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 194, 135) }
```

Border

The CSS property to change the border of an element to Yxy 51.4092, 0.3554, 0.4047 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(191, 194, 135) }
```

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

```
.border{ border-color:rgb(191, 194, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 194, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 194, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 194, 135); box-shadow:4px 4px 4px 4px rgb(191, 194, 135) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4092, 0.3554, 0.4047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 194, 135) }
```

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

```
.background{ background-color: rgb(191,  
194, 135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor