

Converting Colors

Yxy(54.2583, 0.3351, 0.3652)

Have a look what the booklet for
Yxy(54.2583, 0.3351, 0.3652)
contains.

Yxy(54.1402, 0.3355, 0.3651)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.1402, 0.3355, 0.3651)

Conversions

Conversions Part 1

Format	Color
Hex	C5C4A7
RGB	197, 196, 167
RGB Percent	77%, 77%, 65%
CMY	0.2273, 0.2314, 0.3450
CMYK	0.00, 0.01, 0.15, 0.23
HSL	58°, 21%, 71%
HSV	58°, 15%, 77%
XYZ	49.7509, 54.1402, 44.3976
YIQ	192.9930, 9.9050, -8.8070

Conversions

Conversions Part 2

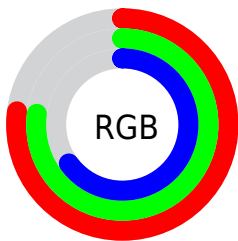
Format	Color
RYB	168, 197, 167
Decimal	12960935
CIELab	78.54, -4.56, 14.70
CIELCh	79, 15.389, 107.232
Yxy	54.1402, 0.3355, 0.3651
Android (android.graphics.Color)	4291151015 (0xFFC5C4A7)
YUV	192.9930, -12.8145, 3.5141
Hunter-Lab	73.5800, -8.0729, 15.7309

Details

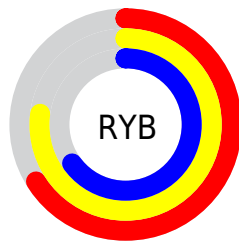
The Yxy color **54.1402, 0.3355, 0.3651** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.2847, 0.2884, 0.2902**, and the grayscale version is **53.4018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5953, 0.3317, 0.3593**, and **26.4234, 0.3414, 0.3744** is the 20% darker color. If you saturate the color by 10%, you get **53.1572, 0.3509, 0.3893**, and if you desaturate by 10%, it is **55.2404, 0.3204, 0.3412**.

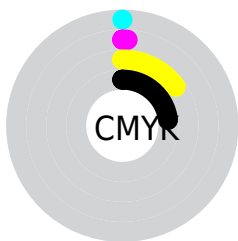
Distribution



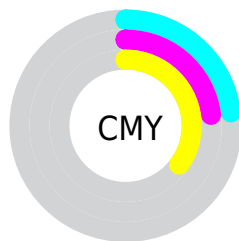
- Red (77%)
- Green (77%)
- Blue (65%)



- Red (66%)
- Yellow (77%)
- Blue (65%)



- Cyan (0%)
- Magenta (1%)
- Yellow (15%)
- Black (23%)





- Cyan (23%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1402, 0.3355, 0.3651 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 54.1402, 0.3355, 0.3651 by changing the saturation by 10% instead.


 54.1402, 0.3355,
0.3651


 54.1402, 0.3355,
0.3651


402.6444, 0.3245,
0.3473

 38.7138, 0.3381,
0.3694

 96.2801, 0.3316,
0.3587

 26.5371, 0.3414,
0.3750


 123.7623, 0.3301,
0.3563

 17.2259, 0.3457,
0.3822


156.0319, 0.3288,
0.3542

 10.3957, 0.3514,
0.3921

193.4733, 0.3277,
0.3525

 5.6621, 0.3595,
0.4065

236.4708, 0.3268,
0.3509

 2.6407, 0.3714,
0.4290

285.4089, 0.3259,

 0.9472, 0.4535,

0.3496

0.5453

340.6720, 0.3252,
0.3484

0.0000, 0.0000,
0.0000

54.1402, 0.3355,
0.3651

54.1402, 0.3355,
0.3651

53.1572, 0.3509,
0.3893

55.2404, 0.3204,
0.3412

52.2793, 0.3661,
0.4131

56.4555, 0.3059,
0.3182

51.5035, 0.3807,
0.4356

57.7921, 0.2923,
0.2964

50.8239, 0.3939,
0.4557

59.2545, 0.2797,
0.2761

50.2341, 0.4052,
0.4727

60.1488, 0.2742,
0.2676

■ 49.7267, 0.4142,
0.4857

■ 60.4685, 0.2742,
0.2684

■ 49.2933, 0.4205,
0.4945

■ 60.7897, 0.2743,
0.2692

■ 48.9236, 0.4243,
0.4990

■ 61.1123, 0.2743,
0.2700

■ 48.7601, 0.4256,
0.5003

■ 61.4364, 0.2744,
0.2708

Harmonies

Analogous

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



54.1402, 0.3493, 0.3585



54.1402, 0.3355, 0.3651



54.1402, 0.3158, 0.3615

Triad

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



54.1402, 0.3355, 0.3651



54.1402, 0.2739, 0.3115



54.1402, 0.3292, 0.3108

Complementary

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



54.1402, 0.3355, 0.3651



40.2847, 0.2884, 0.2902

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.



54.1402, 0.3086, 0.2991



54.1402, 0.3355, 0.3651



54.1402, 0.2771, 0.2990

Square

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



54.1402, 0.3355, 0.3651



54.1402, 0.2806, 0.3296



54.1402, 0.2896, 0.2947



54.1402, 0.3458, 0.3271

Rectangle

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



54.1402, 0.3355, 0.3651



54.1402, 0.3022, 0.3536



54.1402, 0.2896, 0.2947



54.1402, 0.3225, 0.3062

Sweetspot

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



54.1426, 0.3355, 0.3651



98.9208, 0.3202, 0.3408



42.3688, 0.3396, 0.3272



21.1416, 0.3212, 0.3425



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.



54.1426, 0.3355, 0.3651



96.3654, 0.3402, 0.3725



52.8761, 0.3241, 0.3677



12.3507, 0.3266, 0.3510



32.0827, 0.4255, 0.5004



1.5395, 0.4241, 0.5015

Inverse Universe

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



40.2847, 0.2884, 0.2902



67.2345, 0.2830, 0.2815



41.4464, 0.2999, 0.2901



10.3461, 0.2983, 0.3060



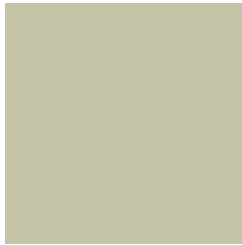
2.7758, 0.1507, 0.0625



0.1527, 0.1532, 0.0715

Previews

White Background



This preview shows how the Yxy color 54.1402, 0.3355, 0.3651 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 54.1402, 0.3355, 0.3651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

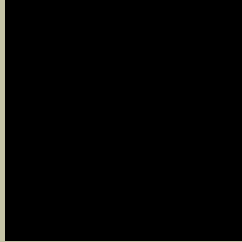
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

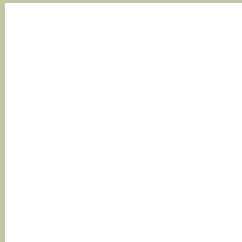
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1402, 0.3355, 0.3651

Background



This preview shows how black text looks on a background with the Yxy color 54.1402, 0.3355, 0.3651.



This preview shows how white text looks on a background with the Yxy color 54.1402, 0.3355, 0.3651.

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

54.1402, 0.3355, 0.3651

Protanopia

54.1741, 0.3426, 0.3634

Deuteranopia

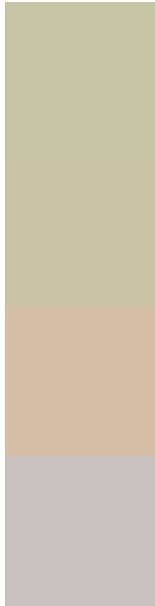
53.9348, 0.3574, 0.3501



Tritanopia

54.2744, 0.3103, 0.3112

Trichromacy



Original Color

54.1402, 0.3355, 0.3651

Protanomaly

54.2009, 0.3398, 0.3648

Deuteranomaly

53.8002, 0.3496, 0.3554

Tritanomaly

54.2251, 0.3191, 0.3302

Monochromacy



Original Color

54.1402, 0.3355, 0.3651

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.5136, 0.3202, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1402, 0.3355, 0.3651 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(197, 196, 167)` looks like.

```
.text, #text, p{  
    color:rgb(197, 196, 167)  
}
```

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(197, 196, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 196, 167) }
```

Border

The CSS property to change the border of an element to Yxy 54.1402, 0.3355, 0.3651 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(197, 196, 167) }
```

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

```
.border{ border-color:rgb(197, 196, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 196, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 196, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 196, 167);  
box-shadow:4px 4px 4px 4px rgb(197, 196,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1402, 0.3355, 0.3651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 196, 167) }
```

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

```
.background{ background-color: rgb(197,  
196, 167) }
```

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