

Converting Colors

Yxy(54.1743, 0.3762, 0.3905)

Have a look what the booklet for
Yxy(54.1743, 0.3762, 0.3905)
contains.

Yxy(53.9068, 0.3757, 0.3896)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.9068, 0.3757, 0.3896)

Conversions

Conversions Part 1

Format	Color
Hex	D9BF8C
RGB	217, 191, 140
RGB Percent	85%, 75%, 55%
CMY	0.1489, 0.2510, 0.4510
CMYK	0.00, 0.12, 0.35, 0.15
HSL	40°, 50%, 70%
HSV	40°, 35%, 85%
XYZ	51.9835, 53.9068, 32.4741
YIQ	192.9600, 31.8670, -10.3490

Conversions

Conversions Part 2

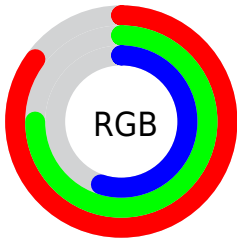
Format	Color
R_{YB}	179, 217, 140
Decimal	14270348
CIE _{Lab}	78.41, 1.97, 29.15
CIE _{LCh}	78, 29.212, 86.138
Yxy	53.9068, 0.3757, 0.3896
Android (android.graphics.Color)	4292460428 (0xFFD9BF8C)
YUV	192.9600, -26.1093, 21.0831
Hunter-Lab	73.4213, -2.1061, 25.1710

Details

The Yxy color **53.9068, 0.3757, 0.3896** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.8641, 0.2535, 0.2596**, and the grayscale version is **53.4482, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6766, 0.3507, 0.3817**, and **26.4753, 0.3920, 0.4056** is the 20% darker color. If you saturate the color by 10%, you get **50.2129, 0.3965, 0.4065**, and if you desaturate by 10%, it is **57.8920, 0.3560, 0.3721**.

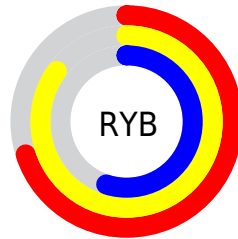
Distribution



Red (85%)

Green (75%)

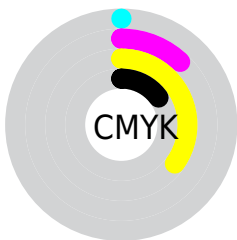
Blue (55%)



Red (70%)

Yellow (85%)

Blue (55%)

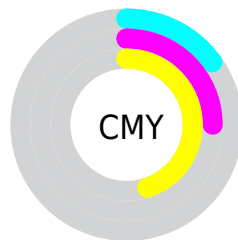


Cyan (0%)

Magenta (12%)

Yellow (35%)

Black (15%)



Cyan (15%)


Magenta (25%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9068, 0.3757, 0.3896 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 53.9068, 0.3757, 0.3896 by changing the saturation by 10% instead.


 53.9068, 0.3757,
0.3896

 53.9068, 0.3757,
0.3896


401.7545, 0.3452,
0.3605

 38.5272, 0.3829,
0.3964


 95.9374, 0.3649,
0.3794

 26.3921, 0.3918,
0.4048


 123.3571, 0.3608,
0.3754

 17.1172, 0.4032,
0.4153


 155.5590, 0.3573,
0.3721

 10.3181, 0.4181,
0.4290

192.9274, 0.3542,
0.3691

 5.6104, 0.4378,
0.4467

235.8468, 0.3515,
0.3666

 2.6096, 0.4804,
0.4859

284.7015, 0.3492,

 0.9315, 0.5012,

0.3643

0.4988

339.8760, 0.3471,
0.3623

0.0000, 0.0000,
0.0000

53.9068, 0.3757,
0.3896

53.9068, 0.3757,
0.3896

50.2129, 0.3965,
0.4065

57.8920, 0.3560,
0.3721

46.7930, 0.4178,
0.4218

62.1702, 0.3378,
0.3547

43.6391, 0.4388,
0.4344

66.7524, 0.3211,
0.3379

40.7395, 0.4584,
0.4433

71.6467, 0.3062,
0.3219

38.0808, 0.4757,
0.4474

76.8609, 0.2928,
0.3070

■ 35.6472, 0.4897,
0.4464

■ 81.3837, 0.2892,
0.3082

■ 34.6123, 0.4954,
0.4448

■ 85.6684, 0.2895,
0.3159

■ 90.1281, 0.2898,
0.3235

■ 93.4946, 0.2900,
0.3289

Harmonies

Analogous

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



53.9068, 0.3902, 0.3649



53.9068, 0.3757, 0.3896



53.9068, 0.3444, 0.3991

Triad

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



53.9068, 0.3757, 0.3896



53.9068, 0.2474, 0.3178



53.9068, 0.3159, 0.2793

Complementary

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



53.9068, 0.3757, 0.3896



37.8641, 0.2535, 0.2596

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.



53.9068, 0.2784, 0.2668



53.9068, 0.3757, 0.3896



53.9068, 0.2408, 0.2863

Square

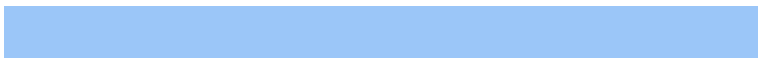
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.9068, 0.3757, 0.3896



53.9068, 0.2706, 0.3558



53.9068, 0.2517, 0.2687



53.9068, 0.3546, 0.3032

Rectangle

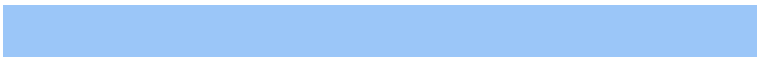
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.9068, 0.3757, 0.3896



53.9068, 0.3189, 0.3935



53.9068, 0.2517, 0.2687



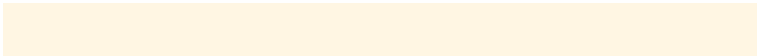
53.9068, 0.3027, 0.2737

Sweetspot

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



53.9093, 0.3757, 0.3896



92.4258, 0.3303, 0.3472



36.2981, 0.3673, 0.2965



19.5913, 0.3326, 0.3495



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.



53.9093, 0.3757, 0.3896



73.4364, 0.3921, 0.4030



64.5742, 0.3566, 0.4198



14.4843, 0.3275, 0.3444



21.1510, 0.4940, 0.4459



1.5272, 0.4788, 0.4580

Inverse Universe

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



37.8641, 0.2535, 0.2596



46.8881, 0.2393, 0.2408



30.3979, 0.2578, 0.2254



13.3325, 0.2981, 0.3131



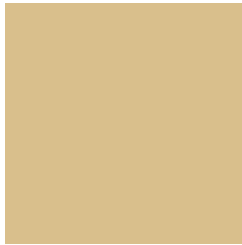
6.1173, 0.1639, 0.1099



0.5526, 0.1730, 0.1429

Previews

White Background



This preview shows how the Yxy color 53.9068, 0.3757, 0.3896 looks on a white background.

Color Contrast Check

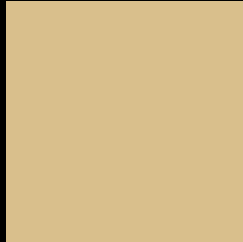
Large Text (above 18pt) WCAG AA × Fail

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 53.9068, 0.3757, 0.3896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

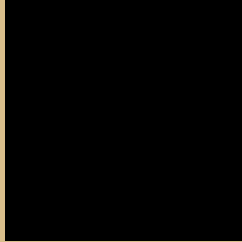
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.9068, 0.3757, 0.3896

Background



This preview shows how black text looks on a background with the Yxy color 53.9068, 0.3757, 0.3896.



This preview shows how white text looks on a background with the Yxy color 53.9068, 0.3757, 0.3896.

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

53.9068, 0.3757, 0.3896

Protanopia

54.0620, 0.3667, 0.3934

Deuteranopia

53.8639, 0.3885, 0.3805



Tritanopia

53.6322, 0.3348, 0.3119

Trichromacy



Original Color

53.9068, 0.3757, 0.3896

Protanomaly

54.0601, 0.3697, 0.3916

Deuteranomaly

53.8971, 0.3832, 0.3836

Tritanomaly

53.6643, 0.3501, 0.3396

Monochromacy



Original Color

53.9068, 0.3757, 0.3896

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.3118, 0.3349, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9068, 0.3757, 0.3896 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(217, 191, 140)` looks like.

```
.text, #text, p{  
    color:rgb(217, 191, 140)  
}
```

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(217, 191, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 191, 140) }
```

Border

The CSS property to change the border of an element to Yxy 53.9068, 0.3757, 0.3896 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(217, 191, 140) }
```

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

```
.border{ border-color:rgb(217, 191, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 191, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 191, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 191, 140);  
box-shadow:4px 4px 4px 4px rgb(217, 191,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9068, 0.3757, 0.3896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 191, 140) }
```

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

```
.background{ background-color: rgb(217,  
191, 140) }
```

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