

Converting Colors

Yxy(54.2147, 0.3654, 0.3940)

Have a look what the booklet for
Yxy(54.2147, 0.3654, 0.3940)
contains.

Yxy(54.3632, 0.3654, 0.3947)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.3632, 0.3654, 0.3947)

Conversions

Conversions Part 1

Format	Color
Hex	D0C38D
RGB	208, 195, 141
RGB Percent	82%, 76%, 55%
CMY	0.1845, 0.2352, 0.4470
CMYK	0.00, 0.06, 0.32, 0.18
HSL	48°, 42%, 68%
HSV	48°, 32%, 82%
XYZ	50.3276, 54.3632, 33.0421
YIQ	192.7310, 25.0820, -14.0380

Conversions

Conversions Part 2

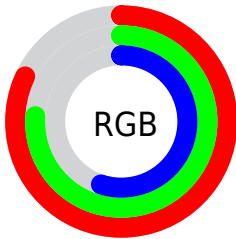
Format	Color
R _{YB}	157, 208, 141
Decimal	13681549
CIE _{Lab}	78.67, -3.57, 28.83
CIE _{LCh}	79, 29.049, 97.052
Yxy	54.3632, 0.3654, 0.3947
Android (android.graphics.Color)	4291871629 (0xFFD0C38D)
YUV	192.7310, -25.5034, 13.3909
Hunter-Lab	73.7314, -7.1893, 25.0416

Details

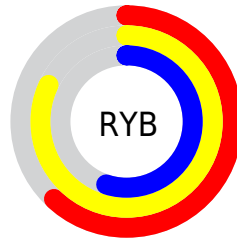
The Yxy color **54.3632, 0.3654, 0.3947** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.3110, 0.2579, 0.2533**, and the grayscale version is **53.3027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1945, 0.3492, 0.3843**, and **26.5602, 0.3795, 0.4113** is the 20% darker color. If you saturate the color by 10%, you get **52.0257, 0.3830, 0.4149**, and if you desaturate by 10%, it is **56.8704, 0.3481, 0.3739**.

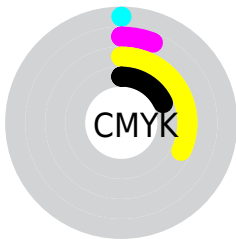
Distribution



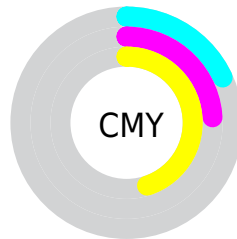
- Red (82%)
- Green (76%)
- Blue (55%)



- Red (62%)
- Yellow (82%)
- Blue (55%)



- Cyan (0%)
- Magenta (6%)
- Yellow (32%)
- Black (18%)




- Cyan (18%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3632, 0.3654, 0.3947 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 54.3632, 0.3654, 0.3947 by changing the saturation by 10% instead.

 54.3632, 0.3654,
0.3947


 54.3632, 0.3654,
0.3947


403.4935, 0.3402,
0.3627

 38.8921, 0.3713,
0.4023


 96.6073, 0.3565,
0.3833

 26.6758, 0.3786,
0.4118


 124.1491, 0.3531,
0.3790

 17.3299, 0.3878,
0.4240


 156.4833, 0.3502,
0.3753

 10.4700, 0.3996,
0.4401

193.9943, 0.3476,
0.3721

 5.7117, 0.4150,
0.4618

237.0663, 0.3454,
0.3693

 2.6706, 0.4483,
0.5071

286.0840, 0.3435,

 0.9623, 0.4618,

0.3669

0.5382

341.4316, 0.3417,
0.3647

0.0000, 0.0000,
0.0000

54.3632, 0.3654,
0.3947

54.3632, 0.3654,
0.3947

52.0257, 0.3830,
0.4149

56.8704, 0.3481,
0.3739

49.8437, 0.4004,
0.4335

59.5462, 0.3315,
0.3533

47.8119, 0.4168,
0.4496


62.3991, 0.3160,
0.3333


45.9221, 0.4314,
0.4621


65.4348, 0.3016,
0.3143

44.1647, 0.4436,
0.4704


68.6585, 0.2885,
0.2965


 42.5281, 0.4529,
0.4739

 71.3611, 0.2828,
0.2907

 41.3195, 0.4585,
0.4741

 73.4862, 0.2830,
0.2951

 75.6624, 0.2833,
0.2994

 77.8899, 0.2835,
0.3038

Harmonies

Analogous

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



54.3632, 0.3867, 0.3748



54.3632, 0.3654, 0.3947



54.3632, 0.3306, 0.3967

Triad

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



54.3632, 0.3654, 0.3947



54.3632, 0.2435, 0.3053



54.3632, 0.3303, 0.2872

Complementary

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



54.3632, 0.3654, 0.3947



33.3110, 0.2579, 0.2533

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.



54.3632, 0.2914, 0.2703



54.3632, 0.3654, 0.3947



54.3632, 0.2433, 0.2785

Square

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



54.3632, 0.3654, 0.3947



54.3632, 0.2609, 0.3419



54.3632, 0.2602, 0.2667



54.3632, 0.3662, 0.3139

Rectangle

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



54.3632, 0.3654, 0.3947



54.3632, 0.3048, 0.3857



54.3632, 0.2602, 0.2667



54.3632, 0.3171, 0.2803

Sweetspot

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



54.3657, 0.3654, 0.3947



95.3598, 0.3282, 0.3491



34.8028, 0.3713, 0.3122



20.2764, 0.3305, 0.3519



0.0000, 0.0000, 0.0000



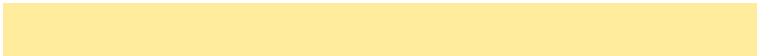
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3657, 0.3654, 0.3947



83.5052, 0.3782, 0.4095



57.6921, 0.3444, 0.4134



13.3929, 0.3271, 0.3476



25.8991, 0.4579, 0.4747



1.5501, 0.4495, 0.4813

Inverse Universe

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



33.3110, 0.2579, 0.2533



44.8164, 0.2439, 0.2327



31.1910, 0.2728, 0.2388



11.7824, 0.2982, 0.3097



3.9006, 0.1554, 0.0795



0.3299, 0.1646, 0.1126

Previews

White Background



This preview shows how the Yxy color 54.3632, 0.3654, 0.3947 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 54.3632, 0.3654, 0.3947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

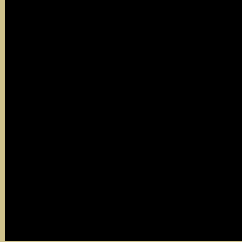
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3632, 0.3654, 0.3947

Background



This preview shows how black text looks on a background with the Yxy color 54.3632, 0.3654, 0.3947.



This preview shows how white text looks on a background with the Yxy color 54.3632, 0.3654, 0.3947.

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

54.3632, 0.3654, 0.3947

Protanopia

54.5086, 0.3663, 0.3945

Deuteranopia

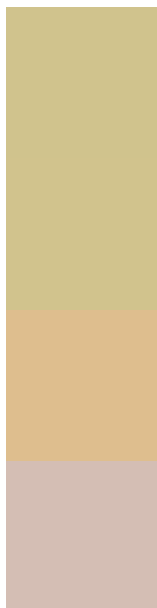
54.3468, 0.3864, 0.3793



Tritanopia

54.2520, 0.3243, 0.3116

Trichromacy



Original Color

54.3632, 0.3654, 0.3947

Protanomaly

54.5086, 0.3663, 0.3945

Deuteranomaly

54.3095, 0.3789, 0.3852

Tritanomaly

54.1192, 0.3390, 0.3410

Monochromacy



Original Color

54.3632, 0.3654, 0.3947

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.6453, 0.3312, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3632, 0.3654, 0.3947 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(208, 195, 141)` looks like.

```
.text, #text, p{  
    color:rgb(208, 195, 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(208, 195, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 195, 141) }
```

Border

The CSS property to change the border of an element to Yxy 54.3632, 0.3654, 0.3947 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(208, 195, 141) }
```

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

```
.border{ border-color:rgb(208, 195, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 195, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 195, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 195, 141);  
box-shadow:4px 4px 4px 4px rgb(208, 195,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3632, 0.3654, 0.3947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 195, 141) }
```

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

```
.background{ background-color: rgb(208,  
195, 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](#).

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