

Converting Colors

Yxy(54.6100, 0.3592, 0.3850)

Have a look what the booklet for
Yxy(54.6100, 0.3592, 0.3850)
contains.

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Color

Yxy(54.6100, 0.3592, 0.3850)

Conversions

Conversions Part 1

Format	Color
Hex	D0C395
RGB	208, 195, 149
RGB Percent	82%, 76%, 58%
CMY	0.1843, 0.2353, 0.4157
CMYK	0.00, 0.06, 0.28, 0.18
HSL	47°, 39%, 70%
HSV	47°, 28%, 82%
XYZ	50.9504, 54.6100, 36.2837
YIQ	193.6430, 22.5140, -11.5500

Conversions

Conversions Part 2

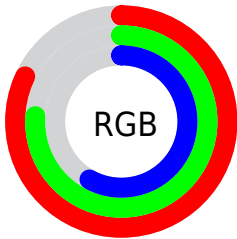
Format	Color
R _Y B	166, 208, 149
Decimal	13681557
CIE Lab	78.82, -2.52, 24.82
CIE LCh	79, 24.945, 95.801
Yxy	54.6100, 0.3592, 0.3850
Android (android.graphics.Color)	4291871637 (0xFFD0C395)
YUV	193.6430, -22.0090, 12.5911
Hunter-Lab	73.8986, -6.2532, 22.6180

Details

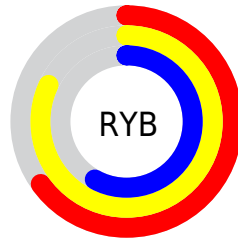
The Yxy color **54.6100, 0.3592, 0.3850** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.7745, 0.2653, 0.2659**, and the grayscale version is **53.8496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5662, 0.3443, 0.3763**, and **26.7039, 0.3713, 0.3987** is the 20% darker color. If you saturate the color by 10%, you get **51.9861, 0.3772, 0.4049**, and if you desaturate by 10%, it is **57.4204, 0.3418, 0.3648**.

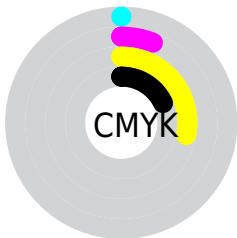
Distribution



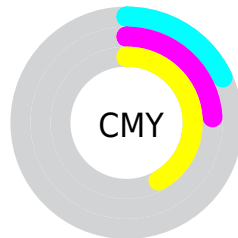
- Red (82%)
- Green (76%)
- Blue (58%)



- Red (65%)
- Yellow (82%)
- Blue (58%)



- Cyan (0%)
- Magenta (6%)
- Yellow (28%)
- Black (18%)





- Cyan (18%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.6100, 0.3592, 0.3850 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 54.6100, 0.3592, 0.3850 by changing the saturation by 10% instead.


 54.6100, 0.3592,
0.3850


 54.6100, 0.3592,
0.3850


404.4319, 0.3368,
0.3578

 39.0896, 0.3645,
0.3915


 96.9693, 0.3513,
0.3753

 26.8294, 0.3711,
0.3997

 124.5770, 0.3483,
0.3716

 17.4451, 0.3795,
0.4102


156.9825, 0.3457,
0.3684

 10.5524, 0.3905,
0.4243

194.5703, 0.3434,
0.3657

 5.7667, 0.4053,
0.4436

237.7247, 0.3414,
0.3633

 2.7037, 0.4301,
0.4761

286.8302, 0.3397,

 0.9791, 0.4694,

0.3613

0.5306

342.2711, 0.3382,
0.3594

0.0000, 0.0000,
0.0000

54.6100, 0.3592,
0.3850

54.6100, 0.3592,
0.3850

51.9861, 0.3772,
0.4049

57.4204, 0.3418,
0.3648

49.5344, 0.3954,
0.4238

60.4163, 0.3255,
0.3450

47.2499, 0.4130,
0.4405

63.6061, 0.3103,
0.3260

45.1244, 0.4293,
0.4542

66.9955, 0.2965,
0.3080

43.1486, 0.4434,
0.4637

70.5899, 0.2839,
0.2913

■ 41.3117, 0.4549,
0.4687

■ 73.1247, 0.2830,
0.2943

■ 39.5975, 0.4635,
0.4692

■ 75.5967, 0.2833,
0.2993

■ 39.3258, 0.4649,
0.4691

■ 78.1352, 0.2835,
0.3043

■ 80.7408, 0.2838,
0.3092

Harmonies

Analogous

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



54.6100, 0.3766, 0.3679



54.6100, 0.3592, 0.3850



54.6100, 0.3297, 0.3869

Triad

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



54.6100, 0.3592, 0.3850



54.6100, 0.2532, 0.3102



54.6100, 0.3265, 0.2920

Complementary

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



54.6100, 0.3592, 0.3850



36.7745, 0.2653, 0.2659

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.



54.6100, 0.2932, 0.2777



54.6100, 0.3592, 0.3850



54.6100, 0.2524, 0.2865

Square

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



54.6100, 0.3592, 0.3850



54.6100, 0.2690, 0.3416



54.6100, 0.2666, 0.2753



54.6100, 0.3574, 0.3151

Rectangle

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



54.6100, 0.3592, 0.3850



54.6100, 0.3075, 0.3780



54.6100, 0.2666, 0.2753



54.6100, 0.3152, 0.2861

Sweetspot

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



54.6125, 0.3592, 0.3850



95.4284, 0.3267, 0.3464



37.5362, 0.3601, 0.3118



20.2726, 0.3290, 0.3493



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.



54.6125, 0.3592, 0.3850



84.0417, 0.3700, 0.3971



58.5194, 0.3424, 0.4025



13.3377, 0.3271, 0.3470



24.6596, 0.4641, 0.4697



1.4907, 0.4543, 0.4775

Inverse Universe

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



36.7745, 0.2653, 0.2659



51.2810, 0.2540, 0.2500



34.0149, 0.2767, 0.2504



11.8336, 0.2982, 0.3103



4.1641, 0.1567, 0.0841



0.3536, 0.1664, 0.1191

Previews

White Background



This preview shows how the Yxy color 54.6100, 0.3592, 0.3850 looks on a white background.

Color Contrast Check

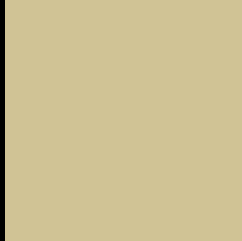
Large Text (above 18pt) WCAG AA × Fail

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 54.6100, 0.3592, 0.3850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

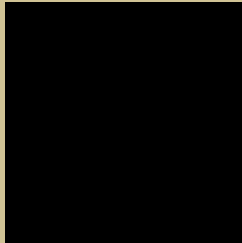
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

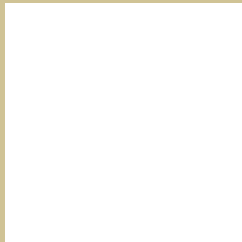
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.6100, 0.3592, 0.3850

Background



This preview shows how black text looks on a background with the Yxy color 54.6100, 0.3592, 0.3850.



This preview shows how white text looks on a background with the Yxy color 54.6100, 0.3592, 0.3850.

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

54.6100, 0.3592, 0.3850

Protanopia

54.7554, 0.3601, 0.3848

Deuteranopia

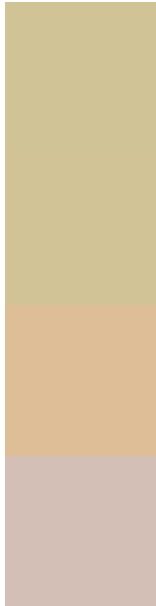
54.4330, 0.3788, 0.3704



Tritanopia

54.5744, 0.3226, 0.3116

Trichromacy



Original Color

54.6100, 0.3592, 0.3850

Protanomaly

54.7554, 0.3601, 0.3848

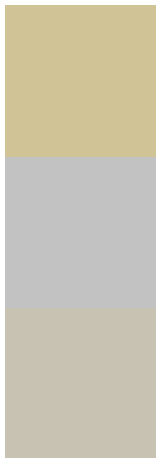
Deuteranomaly

54.4011, 0.3715, 0.3761

Tritanomaly

54.6775, 0.3364, 0.3386

Monochromacy



Original Color

54.6100, 0.3592, 0.3850

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.9400, 0.3290, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6100, 0.3592, 0.3850 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(208, 195, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 195, 149) }
```

Border

The CSS property to change the border of an element to Yxy 54.6100, 0.3592, 0.3850 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, 149) }
```

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

```
.border{ border-color:rgb(208, 195, 149) }
```

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, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 195, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 195, 149);  
box-shadow:4px 4px 4px 4px rgb(208, 195,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6100, 0.3592, 0.3850 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, 149) }
```

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

```
.background{ background-color: rgb(208,  
195, 149) }
```

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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