

Converting Colors

Yxy(54.9661, 0.3513, 0.3638)

Have a look what the booklet for
Yxy(54.9661, 0.3513, 0.3638)
contains.

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Color

Yxy(54.8173, 0.3513, 0.3639)

Conversions

Conversions Part 1

Format	Color
Hex	D4C1A4
RGB	212, 193, 164
RGB Percent	83%, 76%, 64%
CMY	0.1686, 0.2431, 0.3570
CMYK	0.00, 0.09, 0.23, 0.17
HSL	36°, 36%, 74%
HSV	36°, 23%, 83%
XYZ	52.9193, 54.8173, 42.9018
YIQ	195.3750, 20.6330, -4.9910

Conversions

Conversions Part 2

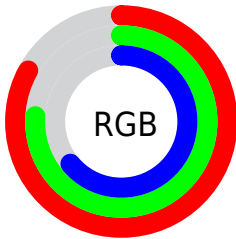
Format	Color
R_{YB}	195, 212, 164
Decimal	13943204
CIE Lab	78.94, 2.13, 17.06
CIE LCh	79, 17.192, 82.890
Yxy	54.8173, 0.3513, 0.3639
Android (android.graphics.Color)	4292133284 (0xFFD4C1A4)
YUV	195.3750, -15.4679, 14.5801
Hunter-Lab	74.0387, -1.9846, 17.4714

Details

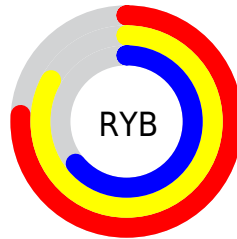
The Yxy color **54.8173, 0.3513, 0.3639** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.4949, 0.2765, 0.2914**, and the grayscale version is **54.8934, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1258, 0.3348, 0.3585**, and **27.0941, 0.3616, 0.3738** is the 20% darker color. If you saturate the color by 10%, you get **50.5148, 0.3714, 0.3800**, and if you desaturate by 10%, it is **59.4625, 0.3331, 0.3481**.

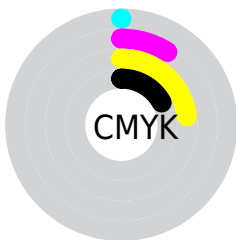
Distribution



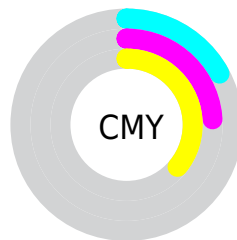
- Red (83%)
- Green (76%)
- Blue (64%)



- Red (76%)
- Yellow (83%)
- Blue (64%)



- Cyan (0%)
- Magenta (9%)
- Yellow (23%)
- Black (17%)




- Cyan (17%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8173, 0.3513, 0.3639 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 54.8173, 0.3513, 0.3639 by changing the saturation by 10% instead.


 54.8173, 0.3513,
0.3639


 54.8173, 0.3513,
0.3639


405.2190, 0.3325,
0.3471

 39.2555, 0.3558,
0.3679


 97.2732, 0.3446,
0.3579

 26.9585, 0.3615,
0.3729


 124.9361, 0.3420,
0.3556

 17.5421, 0.3689,
0.3794


157.4014, 0.3399,
0.3537

 10.6217, 0.3789,
0.3881

195.0536, 0.3380,
0.3520

 5.8131, 0.3931,
0.4002

238.2771, 0.3364,
0.3505

 2.7318, 0.4144,
0.4180

287.4562, 0.3349,

 0.9933, 0.5020,

0.3492

0.4980

342.9754, 0.3337,
0.3481

0.0000, 0.0000,
0.0000

54.8173, 0.3513,
0.3639

54.8173, 0.3513,
0.3639

50.5148, 0.3714,
0.3800

59.4625, 0.3331,
0.3481

46.5378, 0.3930,
0.3958

64.4522, 0.3167,
0.3329

42.8784, 0.4159,
0.4105

69.7977, 0.3022,
0.3186

39.5253, 0.4392,
0.4229

75.5074, 0.2893,
0.3053

36.4665, 0.4618,
0.4318

80.5870, 0.2862,
0.3080

■ 33.6884, 0.4825,
0.4363

■ 85.4983, 0.2866,
0.3168

■ 31.1752, 0.5002,
0.4355

■ 90.6388, 0.2870,
0.3255

■ 29.4801, 0.5114,
0.4321

■ 92.7363, 0.2872,
0.3289

Harmonies

Analogous

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



54.8173, 0.3580, 0.3494



54.8173, 0.3513, 0.3639



54.8173, 0.3342, 0.3694

Triad

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



54.8173, 0.3513, 0.3639



54.8173, 0.2748, 0.3255



54.8173, 0.3124, 0.2978

Complementary

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



54.8173, 0.3513, 0.3639



46.4949, 0.2765, 0.2914

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.



54.8173, 0.2905, 0.2912



54.8173, 0.3513, 0.3639



54.8173, 0.2694, 0.3062

Square

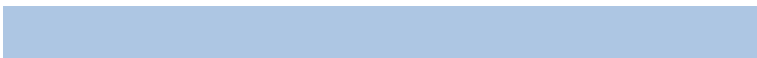
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.8173, 0.3513, 0.3639



54.8173, 0.2901, 0.3468



54.8173, 0.2751, 0.2940



54.8173, 0.3351, 0.3119

Rectangle

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



54.8173, 0.3513, 0.3639



54.8173, 0.3194, 0.3666



54.8173, 0.2751, 0.2940



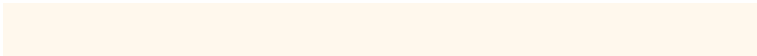
54.8173, 0.3047, 0.2946

Sweetspot

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



54.8198, 0.3513, 0.3639



94.4825, 0.3237, 0.3395



43.9655, 0.3408, 0.3058



20.1240, 0.3247, 0.3404



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.



54.8198, 0.3513, 0.3639



80.1759, 0.3604, 0.3714



63.0573, 0.3429, 0.3859



13.6575, 0.3276, 0.3431



18.4008, 0.5098, 0.4334



1.2693, 0.4900, 0.4491

Inverse Universe

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



46.4949, 0.2765, 0.2914



65.4541, 0.2686, 0.2826



39.7063, 0.2784, 0.2666



12.8063, 0.2982, 0.3145



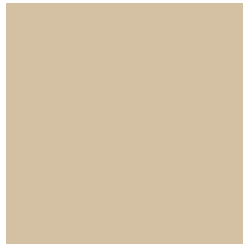
7.0149, 0.1683, 0.1259



0.5823, 0.1780, 0.1606

Previews

White Background



This preview shows how the Yxy color 54.8173, 0.3513, 0.3639 looks on a white background.

Color Contrast Check

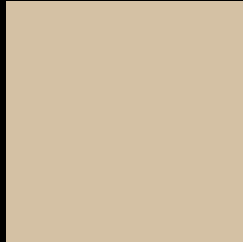
Large Text (above 18pt) WCAG AA × Fail

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 54.8173, 0.3513, 0.3639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

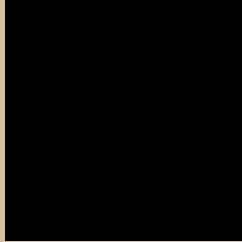
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

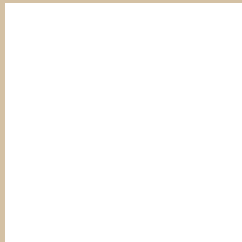
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8173, 0.3513, 0.3639

Background



This preview shows how black text looks on a background with the Yxy color 54.8173, 0.3513, 0.3639.



This preview shows how white text looks on a background with the Yxy color 54.8173, 0.3513, 0.3639.

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

54.8173, 0.3513, 0.3639

Protanopia

54.8686, 0.3449, 0.3656

Deuteranopia

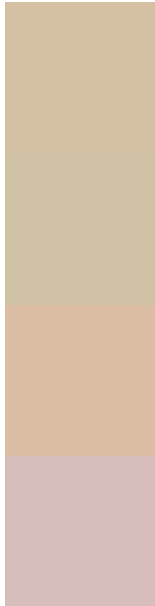
54.6906, 0.3631, 0.3558



Tritanopia

54.9824, 0.3259, 0.3129

Trichromacy



Original Color

54.8173, 0.3513, 0.3639

Protanomaly

54.7101, 0.3468, 0.3642

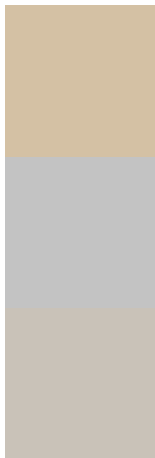
Deuteranomaly

54.7592, 0.3582, 0.3585

Tritanomaly

54.9048, 0.3351, 0.3314

Monochromacy



Original Color

54.8173, 0.3513, 0.3639

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.4618, 0.3260, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8173, 0.3513, 0.3639 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(212, 193, 164)` looks like.

```
.text, #text, p{  
    color:rgb(212, 193, 164)  
}
```

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(212, 193, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 193, 164) }
```

Border

The CSS property to change the border of an element to Yxy 54.8173, 0.3513, 0.3639 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(212, 193, 164) }
```

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

```
.border{ border-color:rgb(212, 193, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 193, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 193, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 193, 164);  
box-shadow:4px 4px 4px 4px rgb(212, 193,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8173, 0.3513, 0.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 193, 164) }
```

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

```
.background{ background-color: rgb(212,  
193, 164) }
```

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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