

Converting Colors

$Yxy(54.4428, 0.3565, 0.3713)$

Have a look what the booklet for
Yxy(54.4428, 0.3565, 0.3713)
contains.

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Color

Yxy(54.6056, 0.3561, 0.3712)

Conversions

Conversions Part 1

Format	Color
Hex	D4C19E
RGB	212, 193, 158
RGB Percent	83%, 76%, 62%
CMY	0.1688, 0.2431, 0.3805
CMYK	0.00, 0.09, 0.25, 0.17
HSL	39°, 39%, 73%
HSV	39°, 25%, 83%
XYZ	52.3843, 54.6056, 40.1157
YIQ	194.6910, 22.5590, -6.8570

Conversions

Conversions Part 2

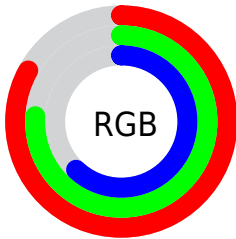
Format	Color
R _Y B	187, 212, 158
Decimal	13943198
CIE Lab	78.81, 1.26, 20.09
CIE LCh	79, 20.134, 86.399
Yxy	54.6056, 0.3561, 0.3712
Android (android.graphics.Color)	4292133278 (0xFFD4C19E)
YUV	194.6910, -18.0887, 15.1800
Hunter-Lab	73.8956, -2.7793, 19.5402

Details

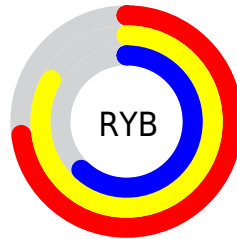
The Yxy color $54.6056, 0.3561, 0.3712$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $43.4341, 0.2714, 0.2828$, and the grayscale version is $54.4776, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.8155, 0.3385, 0.3645$, and $26.9649, 0.3681, 0.3834$ is the 20% darker color. If you saturate the color by 10%, you get $50.7326, 0.3760, 0.3884$, and if you desaturate by 10%, it is $58.7750, 0.3378, 0.3541$.

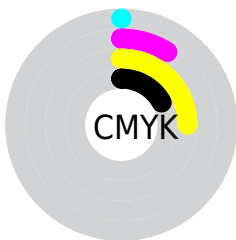
Distribution



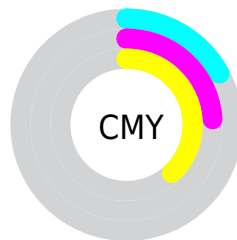
- Red (83%)
- Green (76%)
- Blue (62%)



- Red (73%)
- Yellow (83%)
- Blue (62%)



- Cyan (0%)
- Magenta (9%)
- Yellow (25%)
- Black (17%)




- Cyan (17%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6056, 0.3561, 0.3712 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 54.6056, 0.3561, 0.3712 by changing the saturation by 10% instead.

 54.6056, 0.3561,
0.3712


 54.6056, 0.3561,
0.3712


404.4152, 0.3350,
0.3508

 39.0860, 0.3612,
0.3761


 96.9629, 0.3486,
0.3640

 26.8267, 0.3675,
0.3821

 124.5693, 0.3457,
0.3612

 17.4431, 0.3757,
0.3900


156.9736, 0.3433,
0.3588

 10.5509, 0.3867,
0.4004

194.5600, 0.3412,
0.3568

 5.7657, 0.4021,
0.4149

237.7130, 0.3393,
0.3550

 2.7032, 0.4249,
0.4359

286.8169, 0.3377,

 0.9788, 0.4961,

0.3534

0.5039

342.2562, 0.3363,
0.3520

0.0000, 0.0000,
0.0000

54.6056, 0.3561,
0.3712

54.6056, 0.3561,
0.3712

50.7326, 0.3760,
0.3884

58.7750, 0.3378,
0.3541

47.1396, 0.3970,
0.4049

63.2416, 0.3211,
0.3377

43.8196, 0.4187,
0.4200

68.0159, 0.3061,
0.3221

40.7624, 0.4401,
0.4324

73.1055, 0.2928,
0.3075

37.9565, 0.4604,
0.4410

77.9267, 0.2859,
0.3029

■ 35.3893, 0.4782,
0.4450

■ 82.1616, 0.2863,
0.3109

■ 33.0454, 0.4929,
0.4437

■ 86.5754, 0.2867,
0.3187

■ 32.0463, 0.4989,
0.4421

■ 91.1703, 0.2870,
0.3264

■ 92.7323, 0.2871,
0.3289

Harmonies

Analogous

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



54.6056, 0.3657, 0.3550



54.6056, 0.3561, 0.3712



54.6056, 0.3348, 0.3765

Triad

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



54.6056, 0.3561, 0.3712



54.6056, 0.2671, 0.3218



54.6056, 0.3155, 0.2942

Complementary

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



54.6056, 0.3561, 0.3712



43.4341, 0.2714, 0.2828

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.



54.6056, 0.2894, 0.2853



54.6056, 0.3561, 0.3712



54.6056, 0.2624, 0.2999

Square

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



54.6056, 0.3561, 0.3712



54.6056, 0.2836, 0.3471



54.6056, 0.2703, 0.2871



54.6056, 0.3417, 0.3113

Rectangle

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



54.6056, 0.3561, 0.3712



54.6056, 0.3173, 0.3722



54.6056, 0.2703, 0.2871



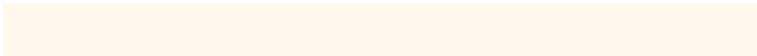
54.6056, 0.3064, 0.2902

Sweetspot

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



54.6081, 0.3561, 0.3712



94.2715, 0.3253, 0.3419



41.6435, 0.3469, 0.3049



19.9547, 0.3278, 0.3444



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.



54.6081, 0.3561, 0.3712



79.4702, 0.3676, 0.3813



62.4852, 0.3452, 0.3935



13.7522, 0.3275, 0.3441



19.9847, 0.4975, 0.4432



1.3581, 0.4806, 0.4566

Inverse Universe

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



43.4341, 0.2714, 0.2828



59.4853, 0.2612, 0.2704



37.2160, 0.2749, 0.2580



12.7146, 0.2982, 0.3134



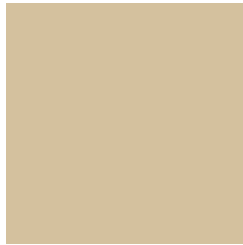
6.1627, 0.1649, 0.1135



0.5248, 0.1746, 0.1487

Previews

White Background



This preview shows how the Yxy color 54.6056, 0.3561, 0.3712 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 54.6056, 0.3561, 0.3712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

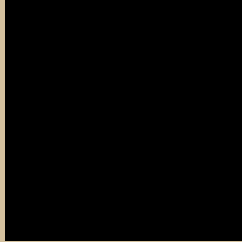
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.6056, 0.3561, 0.3712

Background



This preview shows how black text looks on a background with the Yxy color 54.6056, 0.3561, 0.3712.



This preview shows how white text looks on a background with the Yxy color 54.6056, 0.3561, 0.3712.

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

54.6056, 0.3561, 0.3712

Protanopia

54.7988, 0.3505, 0.3729

Deuteranopia

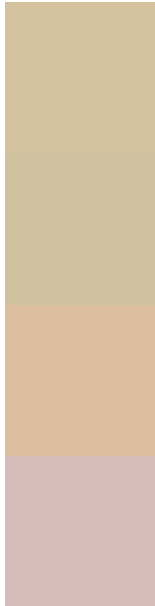
54.6384, 0.3691, 0.3627



Tritanopia

54.5566, 0.3260, 0.3117

Trichromacy



Original Color

54.6056, 0.3561, 0.3712

Protanomaly

54.6421, 0.3524, 0.3715

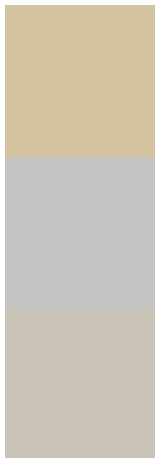
Deuteranomaly

54.7023, 0.3640, 0.3655

Tritanomaly

54.3874, 0.3369, 0.3326

Monochromacy



Original Color

54.6056, 0.3561, 0.3712

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.3785, 0.3275, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6056, 0.3561, 0.3712 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(212, 193, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 193, 158) }
```

Border

The CSS property to change the border of an element to Yxy 54.6056, 0.3561, 0.3712 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, 158) }
```

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

```
.border{ border-color:rgb(212, 193, 158) }
```

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, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 193, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 193, 158);  
box-shadow:4px 4px 4px 4px rgb(212, 193,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6056, 0.3561, 0.3712 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, 158) }
```

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

```
.background{ background-color: rgb(212,  
193, 158) }
```

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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