

Converting Colors

$Yxy(56.7806, 0.3540, 0.3924)$

Have a look what the booklet for
Yxy(56.7806, 0.3540, 0.3924)
contains.

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Color

Yxy(56.7806, 0.3540, 0.3924)

Conversions

Conversions Part 1

Format	Color
Hex	CCC995
RGB	204, 201, 149
RGB Percent	80%, 79%, 58%
CMY	0.1998, 0.2118, 0.4157
CMYK	0.00, 0.02, 0.27, 0.20
HSL	57°, 35%, 69%
HSV	57°, 27%, 80%
XYZ	51.2241, 56.7806, 36.6961
YIQ	195.9690, 18.4800, -15.5360

Conversions

Conversions Part 2

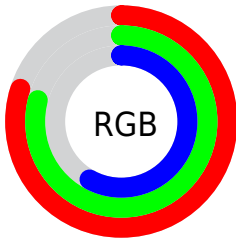
Format	Color
R _{YB}	152, 204, 149
Decimal	13420949
CIE Lab	80.06, -7.14, 26.43
CIE LCh	80, 27.379, 105.117
Yxy	56.7806, 0.3540, 0.3924
Android (android.graphics.Color)	4291611029 (0xFFCCC995)
YUV	195.9690, -23.1557, 7.0432
Hunter-Lab	75.3529, -10.5252, 23.8734

Details

The Yxy color **56.7806, 0.3540, 0.3924** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.2315, 0.2667, 0.2566**, and the grayscale version is **55.3211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0918, 0.3436, 0.3800**, and **28.1388, 0.3636, 0.4088** is the 20% darker color. If you saturate the color by 10%, you get **55.6601, 0.3695, 0.4157**, and if you desaturate by 10%, it is **58.0243, 0.3384, 0.3686**.

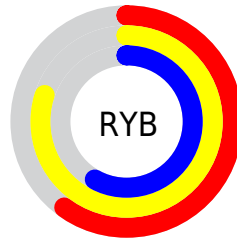
Distribution



Red (80%)

Green (79%)

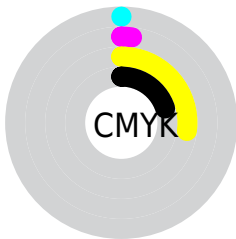
Blue (58%)



Red (60%)

Yellow (80%)

Blue (58%)

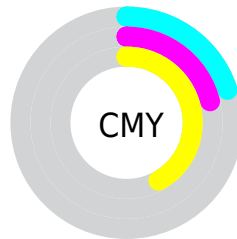


Cyan (0%)

Magenta (2%)

Yellow (27%)

Black (20%)



Cyan (20%)


Magenta (21%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7806, 0.3540, 0.3924 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 56.7806, 0.3540, 0.3924 by changing the saturation by 10% instead.


 56.7806, 0.3540,
0.3924

 56.7806, 0.3540,
0.3924


412.6267, 0.3345,
0.3615

 40.8291, 0.3585,
0.3998


 100.1450, 0.3472,
0.3814

 28.1856, 0.3641,
0.4092

 128.3267, 0.3445,
0.3772

 18.4656, 0.3710,
0.4213


161.3539, 0.3423,
0.3736

 11.2848, 0.3800,
0.4374

199.6110, 0.3403,
0.3705

 6.2587, 0.3915,
0.4598

243.4825, 0.3386,
0.3678

 3.0030, 0.4096,
0.4963

293.3526, 0.3370,

 1.1333, 0.4384,

0.3654

0.5616

349.6059, 0.3357,
0.3633

■ 0.0062, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7806, 0.3540,
0.3924

■ 56.7806, 0.3540,
0.3924

■ 55.6601, 0.3695,
0.4157

■ 58.0243, 0.3384,
0.3686

■ 54.6493, 0.3842,
0.4375

■ 59.3890, 0.3230,
0.3450

■ 53.7440, 0.3977,
0.4570

■ 60.8826, 0.3084,
0.3222

■ 52.9372, 0.4092,
0.4731

■ 62.5098, 0.2946,
0.3006

■ 52.2207, 0.4182,
0.4852

■ 64.2753, 0.2818,
0.2805

■ 51.5849, 0.4247,
0.4929

■ 65.0790, 0.2795,
0.2778

■ 51.0173, 0.4285,
0.4965

■ 65.6339, 0.2796,
0.2791

■ 50.8521, 0.4294,
0.4972

■ 66.1927, 0.2796,
0.2803

■ 66.7554, 0.2797,
0.2816

Harmonies

Analogous

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



56.7806, 0.3779, 0.3780



56.7806, 0.3540, 0.3924



56.7806, 0.3198, 0.3886

Triad

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



56.7806, 0.3540, 0.3924



56.7806, 0.2465, 0.2993



56.7806, 0.3388, 0.2960

Complementary

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



56.7806, 0.3540, 0.3924



33.2315, 0.2667, 0.2566

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.



56.7806, 0.3023, 0.2773



56.7806, 0.3540, 0.3924



56.7806, 0.2507, 0.2777

Square

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



56.7806, 0.3540, 0.3924



56.7806, 0.2586, 0.3316



56.7806, 0.2705, 0.2704



56.7806, 0.3693, 0.3228

Rectangle

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



56.7806, 0.3540, 0.3924



56.7806, 0.2961, 0.3750



56.7806, 0.2705, 0.2704



56.7806, 0.3268, 0.2887

Sweetspot

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



56.7832, 0.3540, 0.3924



98.0331, 0.3247, 0.3476



36.6312, 0.3666, 0.3244



20.9073, 0.3271, 0.3512



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.



56.7832, 0.3540, 0.3924



92.9505, 0.3625, 0.4052



55.1076, 0.3334, 0.4003



12.9856, 0.3267, 0.3507



32.0350, 0.4293, 0.4973



1.6860, 0.4272, 0.4990

Inverse Universe

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



33.2315, 0.2667, 0.2566



47.9666, 0.2559, 0.2393



34.7277, 0.2870, 0.2565



10.9424, 0.2982, 0.3064



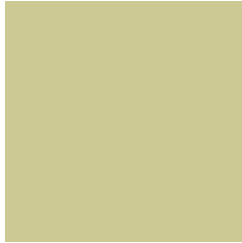
2.9442, 0.1511, 0.0639



0.1878, 0.1548, 0.0771

Previews

White Background



This preview shows how the Yxy color 56.7806, 0.3540, 0.3924 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 56.7806, 0.3540, 0.3924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

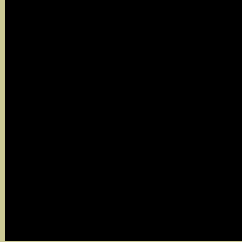
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

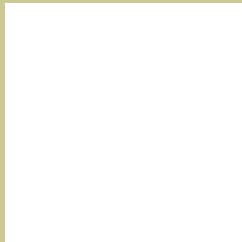
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7806, 0.3540, 0.3924

Background



This preview shows how black text looks on a background with the Yxy color 56.7806, 0.3540, 0.3924.



This preview shows how white text looks on a background with the Yxy color 56.7806, 0.3540, 0.3924.

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

56.7806, 0.3540, 0.3924

Protanopia

56.6724, 0.3633, 0.3887

Deuteranopia

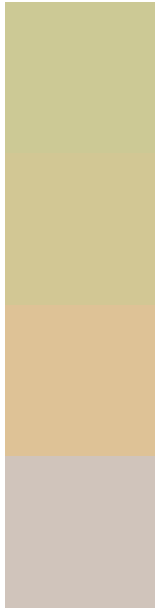
56.3849, 0.3812, 0.3731



Tritanopia

56.5429, 0.3159, 0.3117

Trichromacy



Original Color

56.7806, 0.3540, 0.3924

Protanomaly

56.6866, 0.3604, 0.3903

Deuteranomaly

56.3152, 0.3709, 0.3803

Tritanomaly

56.4776, 0.3292, 0.3398

Monochromacy



Original Color

56.7806, 0.3540, 0.3924

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.7850, 0.3277, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7806, 0.3540, 0.3924 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(204, 201, 149)` looks like.

```
.text, #text, p{  
    color:rgb(204, 201, 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(204, 201, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 201, 149) }
```

Border

The CSS property to change the border of an element to Yxy 56.7806, 0.3540, 0.3924 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(204, 201, 149) }
```

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

```
.border{ border-color:rgb(204, 201, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 201, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 201, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 201, 149);  
box-shadow:4px 4px 4px 4px rgb(204, 201,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7806, 0.3540, 0.3924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 201, 149) }
```

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

```
.background{ background-color: rgb(204,  
201, 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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