

Converting Colors

Yxy(56.6113, 0.3591, 0.3905)

Have a look what the booklet for
Yxy(56.6113, 0.3591, 0.3905)
contains.

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Color

Yxy(56.5403, 0.3596, 0.3905)

Conversions

Conversions Part 1

Format	Color
Hex	D1C794
RGB	209, 199, 148
RGB Percent	82%, 78%, 58%
CMY	0.1803, 0.2196, 0.4196
CMYK	0.00, 0.05, 0.29, 0.18
HSL	50°, 40%, 70%
HSV	50°, 29%, 82%
XYZ	52.0663, 56.5403, 36.1829
YIQ	196.1760, 22.3310, -13.7410

Conversions

Conversions Part 2

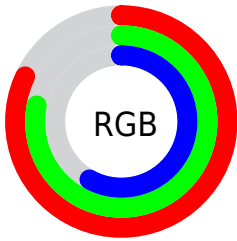
Format	Color
R _Y B	160, 209, 148
Decimal	13748116
CIE Lab	79.92, -4.34, 26.85
CIE LCh	80, 27.198, 99.176
Yxy	56.5403, 0.3596, 0.3905
Android (android.graphics.Color)	4291938196 (0xFFD1C794)
YUV	196.1760, -23.7508, 11.2466
Hunter-Lab	75.1933, -7.9890, 24.1050

Details

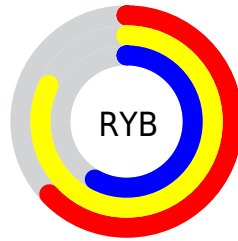
The Yxy color **56.5403, 0.3596, 0.3905** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.3570, 0.2632, 0.2589**, and the grayscale version is **55.4505, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0443, 0.3442, 0.3810**, and **27.9839, 0.3714, 0.4058** is the 20% darker color. If you saturate the color by 10%, you get **54.3785, 0.3767, 0.4115**, and if you desaturate by 10%, it is **58.8623, 0.3428, 0.3690**.

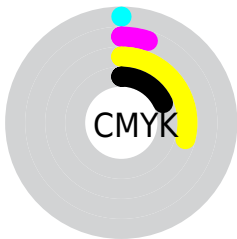
Distribution



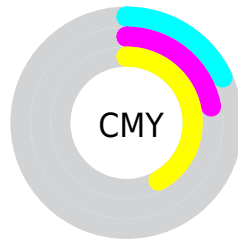
- Red (82%)
- Green (78%)
- Blue (58%)



- Red (63%)
- Yellow (82%)
- Blue (58%)



- Cyan (0%)
- Magenta (5%)
- Yellow (29%)
- Black (18%)




- Cyan (18%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5403, 0.3596, 0.3905 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 56.5403, 0.3596, 0.3905 by changing the saturation by 10% instead.


 56.5403, 0.3596,
0.3905

 56.5403, 0.3596,
0.3905


411.7245, 0.3373,
0.3607

 40.6363, 0.3648,
0.3976


 99.7941, 0.3518,
0.3799

 28.0350, 0.3712,
0.4065


 127.9127, 0.3487,
0.3759

 18.3520, 0.3793,
0.4179


160.8716, 0.3461,
0.3724

 11.2030, 0.3898,
0.4331

199.0552, 0.3439,
0.3694

 6.2036, 0.4036,
0.4538

242.8479, 0.3419,
0.3668

 2.9693, 0.4259,
0.4880

292.6341, 0.3402,

 1.1157, 0.4577,

0.3645

0.5423

348.7981, 0.3386,
0.3625

0.0000, 0.0000,
0.0000

56.5403, 0.3596,
0.3905

56.5403, 0.3596,
0.3905

54.3785, 0.3767,
0.4115

58.8623, 0.3428,
0.3690

52.3626, 0.3936,
0.4312

61.3431, 0.3267,
0.3478

50.4879, 0.4095,
0.4486

63.9909, 0.3115,
0.3274

48.7463, 0.4237,
0.4627

66.8113, 0.2975,
0.3080

47.1287, 0.4357,
0.4727

69.8093, 0.2847,
0.2900

45.6242, 0.4448,
0.4781

71.7472, 0.2835,
0.2912

44.2153, 0.4514,
0.4794

73.5623, 0.2837,
0.2950

44.1042, 0.4519,
0.4794

75.4145, 0.2839,
0.2987

77.3041, 0.2841,
0.3024

Harmonies

Analogous

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



56.5403, 0.3803, 0.3733



56.5403, 0.3596, 0.3905



56.5403, 0.3269, 0.3906

Triad

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



56.5403, 0.3596, 0.3905



56.5403, 0.2479, 0.3052



56.5403, 0.3316, 0.2917

Complementary

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



56.5403, 0.3596, 0.3905



35.3570, 0.2632, 0.2589

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.



56.5403, 0.2955, 0.2751



56.5403, 0.3596, 0.3905



56.5403, 0.2489, 0.2811

Square

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



56.5403, 0.3596, 0.3905



56.5403, 0.2631, 0.3385



56.5403, 0.2657, 0.2710



56.5403, 0.3640, 0.3171

Rectangle

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



56.5403, 0.3596, 0.3905



56.5403, 0.3030, 0.3796



56.5403, 0.2657, 0.2710



56.5403, 0.3194, 0.2850

Sweetspot

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



56.5429, 0.3596, 0.3905



96.2290, 0.3265, 0.3476



37.2100, 0.3662, 0.3164



20.4709, 0.3288, 0.3507



0.0000, 0.0000, 0.0000



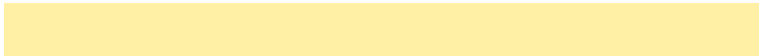
21.4041, 0.3127, 0.3290

Same Dimension

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



56.5429, 0.3596, 0.3905



86.5305, 0.3702, 0.4037



58.5248, 0.3399, 0.4056



13.4534, 0.3270, 0.3483



27.3116, 0.4513, 0.4798



1.6173, 0.4445, 0.4853

Inverse Universe

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



35.3570, 0.2632, 0.2589



48.1043, 0.2513, 0.2411



34.1439, 0.2790, 0.2486



11.7267, 0.2982, 0.3090



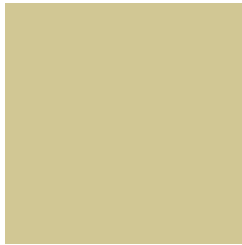
3.6512, 0.1542, 0.0750



0.3041, 0.1626, 0.1053

Previews

White Background



This preview shows how the Yxy color 56.5403, 0.3596, 0.3905 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 56.5403, 0.3596, 0.3905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

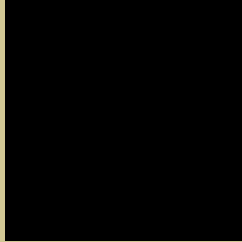
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5403, 0.3596, 0.3905

Background



This preview shows how black text looks on a background with the Yxy color 56.5403, 0.3596, 0.3905.



This preview shows how white text looks on a background with the Yxy color 56.5403, 0.3596, 0.3905.

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

56.5403, 0.3596, 0.3905

Protanopia

56.5233, 0.3625, 0.3888

Deuteranopia

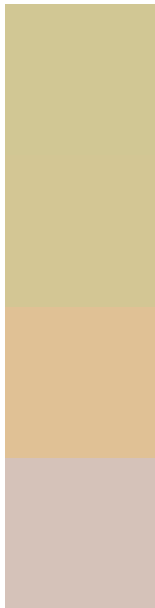
56.3526, 0.3820, 0.3742



Tritanopia

56.3168, 0.3216, 0.3118

Trichromacy



Original Color

56.5403, 0.3596, 0.3905

Protanomaly

56.3752, 0.3616, 0.3890

Deuteranomaly

56.1571, 0.3738, 0.3801

Tritanomaly

56.2325, 0.3352, 0.3397

Monochromacy



Original Color

56.5403, 0.3596, 0.3905

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.6047, 0.3294, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5403, 0.3596, 0.3905 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(209, 199, 148)` looks like.

```
.text, #text, p{  
    color:rgb(209, 199, 148)  
}
```

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(209, 199, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 199, 148) }
```

Border

The CSS property to change the border of an element to Yxy 56.5403, 0.3596, 0.3905 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(209, 199, 148) }
```

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

```
.border{ border-color:rgb(209, 199, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 199, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 199, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 199, 148);  
box-shadow:4px 4px 4px 4px rgb(209, 199,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5403, 0.3596, 0.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 199, 148) }
```

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

```
.background{ background-color: rgb(209,  
199, 148) }
```

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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