

Converting Colors

Yxy(56.7723, 0.3797, 0.3990)

Have a look what the booklet for
Yxy(56.7723, 0.3797, 0.3990)
contains.

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Color

Yxy(56.6296, 0.3803, 0.3988)

Conversions

Conversions Part 1

Format	Color
Hex	DDC488
RGB	221, 196, 136
RGB Percent	87%, 77%, 53%
CMY	0.1333, 0.2314, 0.4668
CMYK	0.00, 0.11, 0.38, 0.13
HSL	42°, 56%, 70%
HSV	42°, 38%, 87%
XYZ	54.0026, 56.6296, 31.3678
YIQ	196.6350, 34.1600, -13.3600

Conversions

Conversions Part 2

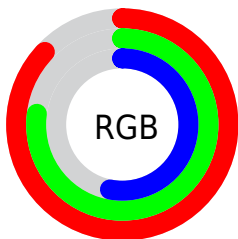
Format	Color
RYB	171, 221, 136
Decimal	14533768
CIELab	79.97, 0.46, 33.38
CIELCh	80, 33.380, 89.219
Yxy	56.6296, 0.3803, 0.3988
Android (android.graphics.Color)	4292723848 (0xFFDDC488)
YUV	196.6350, -29.8931, 21.3681
Hunter-Lab	75.2526, -3.5974, 27.9628

Details

The Yxy color **56.6296, 0.3803, 0.3988** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.9352, 0.2473, 0.2473**, and the grayscale version is **55.7721, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5985, 0.3521, 0.3902**, and **28.0012, 0.3980, 0.4153** is the 20% darker color. If you saturate the color by 10%, you get **53.1989, 0.4003, 0.4162**, and if you desaturate by 10%, it is **60.3221, 0.3610, 0.3804**.

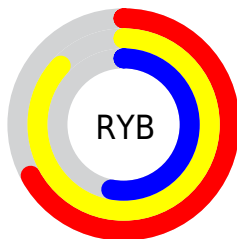
Distribution



Red (87%)

Green (77%)

Blue (53%)



Red (67%)

Yellow (87%)

Blue (53%)

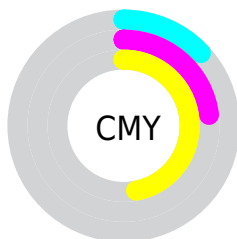


Cyan (0%)

Magenta (11%)

Yellow (38%)

Black (13%)



Cyan (13%)


Magenta (23%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6296, 0.3803, 0.3988 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 56.6296, 0.3803, 0.3988 by changing the saturation by 10% instead.


 56.6296, 0.3803,
0.3988


 56.6296, 0.3803,
0.3988


412.0599, 0.3481,
0.3656


 40.7079, 0.3877,
0.4064


 99.9245, 0.3690,
0.3872

 28.0909, 0.3969,
0.4158


 128.0666, 0.3647,
0.3827

 18.3942, 0.4083,
0.4275


 161.0509, 0.3609,
0.3789

 11.2334, 0.4228,
0.4424

199.2618, 0.3577,
0.3755

 6.2240, 0.4414,
0.4612

243.0838, 0.3548,
0.3726

 2.9818, 0.4834,
0.5041

292.9012, 0.3523,

 1.1222, 0.4903,

0.3700

0.5097

349.0985, 0.3501,
0.3677

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.6296, 0.3803,
0.3988

56.6296, 0.3803,
0.3988

53.1989, 0.4003,
0.4162

60.3221, 0.3610,
0.3804

50.0125, 0.4202,
0.4317

64.2773, 0.3427,
0.3619

47.0625, 0.4392,
0.4441

68.5063, 0.3259,
0.3437

44.3372, 0.4563,
0.4524

73.0169, 0.3105,
0.3264

41.8228, 0.4707,
0.4558

77.8166, 0.2966,
0.3101

39.4999, 0.4821,
0.4545

82.0064, 0.2917,
0.3084

39.1581, 0.4837,
0.4541

85.7955, 0.2919,
0.3151

89.7220, 0.2921,
0.3218

93.7873, 0.2923,
0.3284

Harmonies

Analogous

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



56.6296, 0.3992, 0.3720



56.6296, 0.3803, 0.3988



56.6296, 0.3437, 0.4079

Triad

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



56.6296, 0.3803, 0.3988



56.6296, 0.2381, 0.3118



56.6296, 0.3207, 0.2759

Complementary

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



56.6296, 0.3803, 0.3988



35.9352, 0.2473, 0.2473

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.



56.6296, 0.2781, 0.2605



56.6296, 0.3803, 0.3988



56.6296, 0.2329, 0.2781

Square

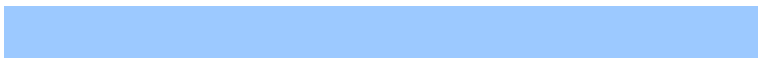
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.6296, 0.3803, 0.3988



56.6296, 0.2620, 0.3548



56.6296, 0.2469, 0.2606



56.6296, 0.3638, 0.3033

Rectangle

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



56.6296, 0.3803, 0.3988



56.6296, 0.3148, 0.4001



56.6296, 0.2469, 0.2606



56.6296, 0.3058, 0.2693

Sweetspot

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



56.6322, 0.3803, 0.3988



92.5768, 0.3318, 0.3502



35.5654, 0.3787, 0.2986



19.6496, 0.3340, 0.3526



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.



56.6322, 0.3803, 0.3988



74.5412, 0.3960, 0.4127



66.3303, 0.3568, 0.4287



14.5835, 0.3274, 0.3454



22.9513, 0.4825, 0.4551



1.6335, 0.4698, 0.4652

Inverse Universe

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



35.9352, 0.2473, 0.2473



42.1749, 0.2327, 0.2269



29.5934, 0.2556, 0.2162



13.2380, 0.2981, 0.3120



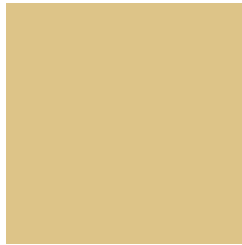
5.3989, 0.1609, 0.0991



0.4972, 0.1699, 0.1317

Previews

White Background



This preview shows how the Yxy color 56.6296, 0.3803, 0.3988 looks on a white background.

Color Contrast Check

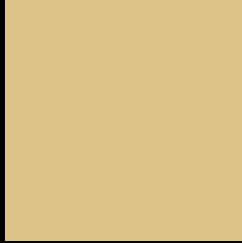
Large Text (above 18pt) WCAG AA × Fail

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 56.6296, 0.3803, 0.3988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

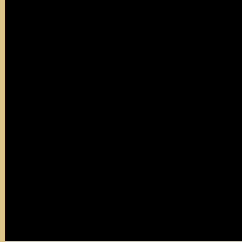
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6296, 0.3803, 0.3988

Background



This preview shows how black text looks on a background with the Yxy color 56.6296, 0.3803, 0.3988.



This preview shows how white text looks on a background with the Yxy color 56.6296, 0.3803, 0.3988.

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

56.6296, 0.3803, 0.3988

Protanopia

56.4905, 0.3726, 0.4014

Deuteranopia

56.6376, 0.3961, 0.3878



Tritanopia

56.7247, 0.3350, 0.3134

Trichromacy



Original Color

56.6296, 0.3803, 0.3988

Protanomaly

56.4904, 0.3756, 0.3996

Deuteranomaly

56.4943, 0.3900, 0.3912

Tritanomaly

56.4835, 0.3516, 0.3440

Monochromacy



Original Color

56.6296, 0.3803, 0.3988

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.1495, 0.3367, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6296, 0.3803, 0.3988 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(221, 196, 136)` looks like.

```
.text, #text, p{  
    color:rgb(221, 196, 136)  
}
```

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(221, 196, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 196, 136) }
```

Border

The CSS property to change the border of an element to Yxy 56.6296, 0.3803, 0.3988 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(221, 196, 136) }
```

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

```
.border{ border-color:rgb(221, 196, 136) }
```

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

Here you see how a box with a 4 pixel rgb(221, 196, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 196, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 196, 136);  
box-shadow:4px 4px 4px 4px rgb(221, 196,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6296, 0.3803, 0.3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 196, 136) }
```

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

```
.background{ background-color: rgb(221,  
196, 136) }
```

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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