

Converting Colors

Yxy(56.0863, 0.3821, 0.3981)

Have a look what the booklet for
Yxy(56.0863, 0.3821, 0.3981)
contains.

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Color

Yxy(56.3091, 0.3823, 0.3986)

Conversions

Conversions Part 1

Format	Color
Hex	DEC387
RGB	222, 195, 135
RGB Percent	87%, 76%, 53%
CMY	0.1295, 0.2352, 0.4705
CMYK	0.00, 0.12, 0.39, 0.13
HSL	41°, 57%, 70%
HSV	41°, 39%, 87%
XYZ	54.0064, 56.3091, 30.9516
YIQ	196.2330, 35.3520, -12.9360

Conversions

Conversions Part 2

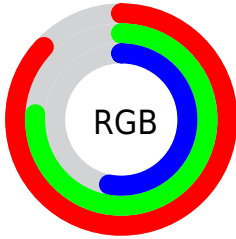
Format	Color
RYB	174, 222, 135
Decimal	14599047
CIELab	79.79, 1.25, 33.65
CIELCh	80, 33.674, 87.878
Yxy	56.3091, 0.3823, 0.3986
Android (android.graphics.Color)	4292789127 (0xFFDEC387)
YUV	196.2330, -30.1879, 22.5977
Hunter-Lab	75.0394, -2.8511, 28.0721

Details

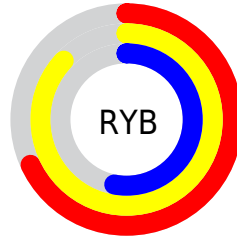
The Yxy color **56.3091, 0.3823, 0.3986** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.2570, 0.2463, 0.2474**, and the grayscale version is **55.5185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9285, 0.3529, 0.3903**, and **27.9854, 0.3989, 0.4167** is the 20% darker color. If you saturate the color by 10%, you get **52.7370, 0.4027, 0.4156**, and if you desaturate by 10%, it is **60.1589, 0.3626, 0.3806**.

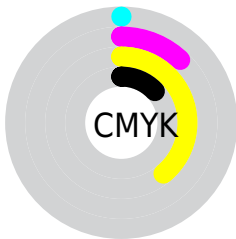
Distribution



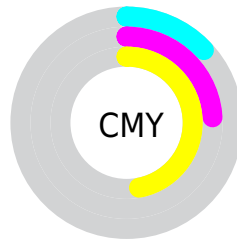
- Red (87%)
- Green (76%)
- Blue (53%)



- Red (68%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (12%)
- Yellow (39%)
- Black (13%)





- Cyan (13%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.3091, 0.3823, 0.3986 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 56.3091, 0.3823, 0.3986 by changing the saturation by 10% instead.


 56.3091, 0.3823,
0.3986


 56.3091, 0.3823,
0.3986


410.8553, 0.3491,
0.3656


 40.4508, 0.3900,
0.4062


 99.4564, 0.3707,
0.3871

 27.8902, 0.3994,
0.4154


 127.5141, 0.3662,
0.3826

 18.2429, 0.4112,
0.4270


 160.4072, 0.3623,
0.3788

 11.1245, 0.4263,
0.4416

198.5199, 0.3590,
0.3754

 6.1507, 0.4455,
0.4599

242.2367, 0.3560,
0.3725

 2.9369, 0.4906,
0.5038

291.9419, 0.3534,

 1.0989, 0.4957,

0.3699

0.5043

348.0200, 0.3512,
0.3676

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.3091, 0.3823,
0.3986

56.3091, 0.3823,
0.3986

52.7370, 0.4027,
0.4156

60.1589, 0.3626,
0.3806

49.4246, 0.4231,
0.4306

64.2879, 0.3441,
0.3624

46.3637, 0.4426,
0.4425

68.7073, 0.3270,
0.3446

43.5418, 0.4603,
0.4501

73.4255, 0.3115,
0.3276

40.9448, 0.4751,
0.4529

78.4502, 0.2975,
0.3116

38.5509, 0.4870,
0.4510

82.9089, 0.2924,
0.3098

38.3593, 0.4880,
0.4507

86.9546, 0.2925,
0.3169

91.1547, 0.2927,
0.3239

94.2646, 0.2929,
0.3289

Harmonies

Analogous

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



56.3091, 0.4004, 0.3709



56.3091, 0.3823, 0.3986



56.3091, 0.3458, 0.4089

Triad

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



56.3091, 0.3823, 0.3986



56.3091, 0.2380, 0.3135



56.3091, 0.3187, 0.2744

Complementary

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



56.3091, 0.3823, 0.3986



36.2570, 0.2463, 0.2474

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.



56.3091, 0.2760, 0.2595



56.3091, 0.3823, 0.3986



56.3091, 0.2319, 0.2787

Square

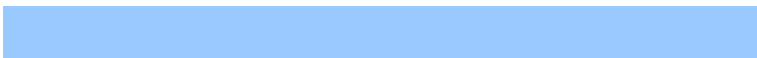
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.3091, 0.3823, 0.3986



56.3091, 0.2630, 0.3570



56.3091, 0.2452, 0.2603



56.3091, 0.3626, 0.3016

Rectangle

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



56.3091, 0.3823, 0.3986



56.3091, 0.3167, 0.4018



56.3091, 0.2452, 0.2603



56.3091, 0.3037, 0.2679

Sweetspot

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



56.3117, 0.3823, 0.3986



92.2799, 0.3319, 0.3498



35.4873, 0.3788, 0.2964



19.5796, 0.3341, 0.3521



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.



56.3117, 0.3823, 0.3986



73.0771, 0.3990, 0.4127



67.1014, 0.3587, 0.4302



15.2751, 0.3275, 0.3451



22.9981, 0.4867, 0.4517



1.7512, 0.4738, 0.4620

Inverse Universe

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



36.2570, 0.2463, 0.2474



42.0038, 0.2313, 0.2266



29.1823, 0.2532, 0.2135



13.9330, 0.2981, 0.3124



5.8218, 0.1619, 0.1027



0.5593, 0.1704, 0.1335

Previews

White Background



This preview shows how the Yxy color 56.3091, 0.3823, 0.3986 looks on a white background.

Color Contrast Check

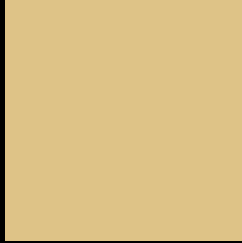
Large Text (above 18pt) WCAG AA × Fail

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 56.3091, 0.3823, 0.3986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

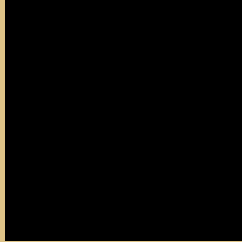
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.3091, 0.3823, 0.3986

Background



This preview shows how black text looks on a background with the Yxy color 56.3091, 0.3823, 0.3986.



This preview shows how white text looks on a background with the Yxy color 56.3091, 0.3823, 0.3986.

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

56.3091, 0.3823, 0.3986

Protanopia

56.4619, 0.3734, 0.4025

Deuteranopia

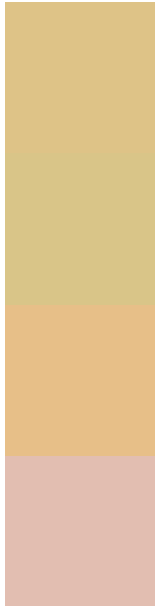
56.0056, 0.3966, 0.3881



Tritanopia

56.4157, 0.3368, 0.3134

Trichromacy



Original Color

56.3091, 0.3823, 0.3986

Protanomaly

56.4618, 0.3764, 0.4008

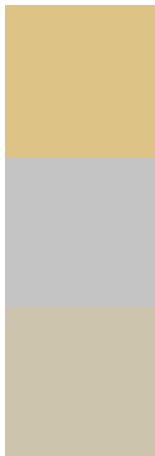
Deuteranomaly

56.0281, 0.3912, 0.3912

Tritanomaly

56.1700, 0.3535, 0.3440

Monochromacy



Original Color

56.3091, 0.3823, 0.3986

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.5150, 0.3368, 0.3557

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3091, 0.3823, 0.3986 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(222, 195, 135)` looks like.

```
.text, #text, p{  
    color:rgb(222, 195, 135)  
}
```

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(222, 195, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 195, 135) }
```

Border

The CSS property to change the border of an element to Yxy 56.3091, 0.3823, 0.3986 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(222, 195, 135) }
```

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

```
.border{ border-color:rgb(222, 195, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 195, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 195, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 195, 135);  
box-shadow:4px 4px 4px 4px rgb(222, 195,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3091, 0.3823, 0.3986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 195, 135) }
```

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

```
.background{ background-color: rgb(222,  
195, 135) }
```

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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