

Converting Colors

$Yxy(42.8636, 0.3852, 0.3437)$

Have a look what the booklet for
Yxy(42.8636, 0.3852, 0.3437)
contains.

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Color

Yxy(42.8093, 0.3856, 0.3436)

Conversions

Conversions Part 1

Format	Color
Hex	DEA094
RGB	222, 160, 148
RGB Percent	87%, 63%, 58%
CMY	0.1294, 0.3725, 0.4197
CMYK	0.00, 0.28, 0.33, 0.13
HSL	10°, 53%, 73%
HSV	10°, 33%, 87%
XYZ	48.0421, 42.8093, 33.7391
YIQ	177.1700, 40.8040, 9.4120

Conversions

Conversions Part 2

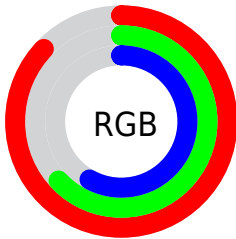
Format	Color
R _Y B	222, 162, 148
Decimal	14590100
CIE Lab	71.43, 21.46, 15.39
CIE LCh	71, 26.407, 35.661
Yxy	42.8093, 0.3856, 0.3436
Android (android.graphics.Color)	4292780180 (0xFFDEA094)
YUV	177.1700, -14.3808, 39.3159
Hunter-Lab	65.4288, 16.5659, 15.2266

Details

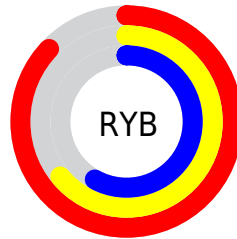
The Yxy color **42.8093, 0.3856, 0.3436** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.6584, 0.2636, 0.3137**, and the grayscale version is **44.1221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1251, 0.3520, 0.3424**, and **19.5875, 0.4077, 0.3467** is the 20% darker color. If you saturate the color by 10%, you get **36.2018, 0.4178, 0.3480**, and if you desaturate by 10%, it is **50.5201, 0.3586, 0.3390**.

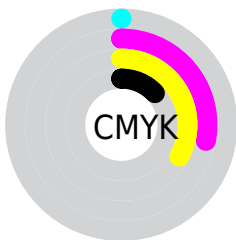
Distribution



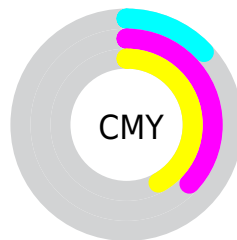
- Red (87%)
- Green (63%)
- Blue (58%)



- Red (87%)
- Yellow (64%)
- Blue (58%)



- Cyan (0%)
- Magenta (28%)
- Yellow (33%)
- Black (13%)





- Cyan (13%)
- Magenta (37%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.8093, 0.3856, 0.3436 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 42.8093, 0.3856, 0.3436 by changing the saturation by 10% instead.

 42.8093, 0.3856,
0.3436


 42.8093, 0.3856,
0.3436


357.8269, 0.3483,
0.3372

 29.7355, 0.3951,
0.3449


 79.4230, 0.3719,
0.3415

 19.6379, 0.4075,
0.3463


 103.7317, 0.3667,
0.3407

 12.1321, 0.4242,
0.3478


132.5542, 0.3624,
0.3399

 6.8337, 0.4476,
0.3491

166.2748, 0.3588,
0.3393

 3.3583, 0.4828,
0.3493

205.2780, 0.3556,
0.3387

 1.3215, 0.5608,
0.3577

249.9482, 0.3528,

 0.1578, 0.8102,

0.3381

0.1898

300.6697, 0.3504,
0.3377

0.0000, 0.0000,
0.0000

42.8093, 0.3856,
0.3436

42.8093, 0.3856,
0.3436

36.2018, 0.4178,
0.3480

50.5201, 0.3586,
0.3390

30.6411, 0.4553,
0.3517

59.3753, 0.3364,
0.3346

26.0749, 0.4970,
0.3541

69.4213, 0.3181,
0.3303

22.4437, 0.5401,
0.3543

80.7000, 0.3031,
0.3265

19.6818, 0.5800,
0.3515

92.9920, 0.2928,
0.3269

■ 17.7143, 0.6109,
0.3459

■ 94.2718, 0.2929,
0.3289

■ 16.7965, 0.6255,
0.3415

Harmonies

Analogous

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



42.8093, 0.3640, 0.3128



42.8093, 0.3856, 0.3436



42.8093, 0.3861, 0.3729

Triad

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



42.8093, 0.3856, 0.3436



42.8093, 0.2943, 0.3774



42.8093, 0.2599, 0.2678

Complementary

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



42.8093, 0.3856, 0.3436



57.6584, 0.2636, 0.3137

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.



42.8093, 0.2439, 0.2802



42.8093, 0.3856, 0.3436



42.8093, 0.2628, 0.3435

Square

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



42.8093, 0.3856, 0.3436



42.8093, 0.3321, 0.3959



42.8093, 0.2449, 0.3072



42.8093, 0.2901, 0.2706

Rectangle

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



42.8093, 0.3856, 0.3436



42.8093, 0.3746, 0.3879



42.8093, 0.2449, 0.3072



42.8093, 0.2528, 0.2702

Sweetspot

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



42.8113, 0.3856, 0.3436



85.5863, 0.3300, 0.3331



41.4039, 0.3265, 0.2577



17.9144, 0.3327, 0.3337



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.



42.8113, 0.3856, 0.3436



52.1455, 0.4075, 0.3467



57.1952, 0.3718, 0.3850



14.0582, 0.3288, 0.3329



10.0821, 0.6235, 0.3431



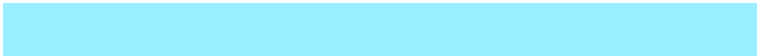
0.8102, 0.5965, 0.3646

Inverse Universe

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



57.6584, 0.2636, 0.3137



75.3967, 0.2545, 0.3100



41.7991, 0.2574, 0.2656



15.1735, 0.2982, 0.3251



24.1185, 0.2102, 0.2766



1.7743, 0.2127, 0.2855

Previews

White Background



This preview shows how the Yxy color 42.8093, 0.3856, 0.3436 looks on a white background.

Color Contrast Check

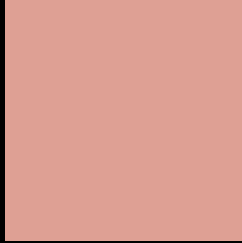
Large Text (above 18pt) WCAG AA × Fail

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 42.8093, 0.3856, 0.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

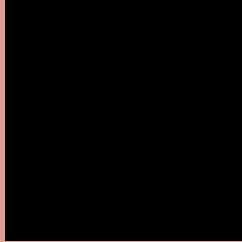
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.8093, 0.3856, 0.3436

Background



This preview shows how black text looks on a background with the Yxy color 42.8093, 0.3856, 0.3436.



This preview shows how white text looks on a background with the Yxy color 42.8093, 0.3856, 0.3436.

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

42.8093, 0.3856, 0.3436

Protanopia

43.0938, 0.3368, 0.3560

Deuteranopia

43.0078, 0.3647, 0.3586



Tritanopia

42.8258, 0.3675, 0.3150

Trichromacy



Original Color

42.8093, 0.3856, 0.3436

Protanomaly

42.8868, 0.3540, 0.3525

Deuteranomaly

42.9343, 0.3716, 0.3530

Tritanomaly

42.7149, 0.3742, 0.3256

Monochromacy



Original Color

42.8093, 0.3856, 0.3436

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.2165, 0.3373, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8093, 0.3856, 0.3436 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, 160, 148)` looks like.

```
.text, #text, p{  
    color:rgb(222, 160, 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(222, 160, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 160, 148) }
```

Border

The CSS property to change the border of an element to Yxy 42.8093, 0.3856, 0.3436 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, 160, 148) }
```

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

```
.border{ border-color:rgb(222, 160, 148) }
```

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

Here you see how a box with a 4 pixel rgb(222, 160, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 160, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 160, 148);  
box-shadow:4px 4px 4px 4px rgb(222, 160,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8093, 0.3856, 0.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 160, 148) }
```

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

```
.background{ background-color: rgb(222,  
160, 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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