

Converting Colors

$Yxy(36.0237, 0.4175, 0.3465)$

Have a look what the booklet for
Yxy(36.0237, 0.4175, 0.3465)
contains.

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Color

Yxy(36.0857, 0.4178, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	DE8D7E
RGB	222, 141, 126
RGB Percent	87%, 55%, 49%
CMY	0.1295, 0.4470, 0.5060
CMYK	0.00, 0.36, 0.43, 0.13
HSL	9°, 59%, 68%
HSV	9°, 43%, 87%
XYZ	43.4109, 36.0857, 24.4069
YIQ	163.5090, 53.0910, 12.5070

Conversions

Conversions Part 2

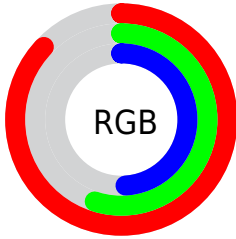
Format	Color
RYB	222, 144, 126
Decimal	14585214
CIELab	66.59, 29.08, 20.90
CIElCh	67, 35.813, 35.697
Yxy	36.0857, 0.4178, 0.3473
Android (android.graphics.Color)	4292775294 (0xFFDE8D7E)
YUV	163.5090, -18.4919, 51.2966
Hunter-Lab	60.0714, 23.8691, 17.9605

Details

The Yxy color **36.0857, 0.4178, 0.3473** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.3074, 0.2510, 0.3092**, and the grayscale version is **36.9500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.5449, 0.3750, 0.3459**, and **15.7407, 0.4509, 0.3495** is the 20% darker color. If you saturate the color by 10%, you get **30.5138, 0.4554, 0.3509**, and if you desaturate by 10%, it is **42.7215, 0.3855, 0.3431**.

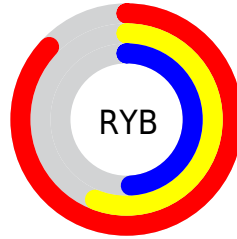
Distribution



Red (87%)

Green (55%)

Blue (49%)



Red (87%)

Yellow (56%)

Blue (49%)

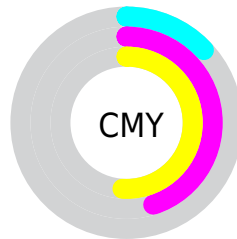


Cyan (0%)

Magenta (36%)

Yellow (43%)

Black (13%)



Cyan (13%)


Magenta (45%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.0857, 0.4178, 0.3473 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 36.0857, 0.4178, 0.3473 by changing the saturation by 10% instead.


 36.0857, 0.4178,
0.3473


 36.0857, 0.4178,
0.3473


329.3350, 0.3625,
0.3400

 24.5004, 0.4323,
0.3484


 69.1643, 0.3971,
0.3451

 15.7052, 0.4513,
0.3493


 91.4264, 0.3895,
0.3442

 9.3158, 0.4771,
0.3495


 118.0162, 0.3832,
0.3433

 4.9477, 0.5137,
0.3477

149.3182, 0.3778,
0.3425

 2.2166, 0.5736,
0.3431

185.7166, 0.3732,
0.3418

 0.7290, 0.6783,
0.3217

227.5960, 0.3692,

 0.0000, 1.0000,

0.3411

0.0000

275.3406, 0.3656,
0.3405

0.0000, 0.0000,
0.0000

36.0857, 0.4178,
0.3473

36.0857, 0.4178,
0.3473

30.5138, 0.4554,
0.3509

42.7215, 0.3855,
0.3431

25.9451, 0.4973,
0.3532

50.4673, 0.3585,
0.3386

22.3209, 0.5407,
0.3533


59.3727, 0.3362,
0.3343


19.5739, 0.5807,
0.3506

69.4830, 0.3179,
0.3303

17.6279, 0.6116,
0.3451

80.8407, 0.3029,
0.3265

 16.7165, 0.6263,
0.3409

 93.2153, 0.2928,
0.3273

 94.2677, 0.2929,
0.3289

Harmonies

Analogous

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



36.0857, 0.3864, 0.3054



36.0857, 0.4178, 0.3473



36.0857, 0.4174, 0.3888

Triad

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



36.0857, 0.4178, 0.3473



36.0857, 0.2853, 0.4005



36.0857, 0.2384, 0.2435

Complementary

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



36.0857, 0.4178, 0.3473



54.3074, 0.2510, 0.3092

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.



36.0857, 0.2169, 0.2591



36.0857, 0.4178, 0.3473



36.0857, 0.2418, 0.3490

Square

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



36.0857, 0.4178, 0.3473



36.0857, 0.3386, 0.4271



36.0857, 0.2179, 0.2960



36.0857, 0.2799, 0.2482

Rectangle

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



36.0857, 0.4178, 0.3473



36.0857, 0.4001, 0.4115



36.0857, 0.2179, 0.2960



36.0857, 0.2289, 0.2463

Sweetspot

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



36.0875, 0.4178, 0.3473



81.4875, 0.3359, 0.3343



34.9766, 0.3317, 0.2372



16.8299, 0.3405, 0.3352



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.



36.0875, 0.4178, 0.3473



42.3714, 0.4521, 0.3506



53.1638, 0.3925, 0.4016



14.0454, 0.3288, 0.3327



10.0341, 0.6244, 0.3424



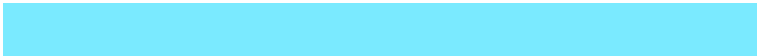
0.8041, 0.5979, 0.3635

Inverse Universe

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



54.3074, 0.2510, 0.3092



70.3629, 0.2405, 0.3043



34.7030, 0.2398, 0.2427



15.1874, 0.2982, 0.3252



24.4344, 0.2107, 0.2786



1.7934, 0.2131, 0.2871

Previews

White Background



This preview shows how the Yxy color 36.0857, 0.4178, 0.3473 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 36.0857, 0.4178, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

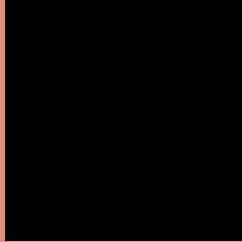
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0857, 0.4178, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 36.0857, 0.4178, 0.3473.



This preview shows how white text looks on a background with the Yxy color 36.0857, 0.4178, 0.3473.

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

36.0857, 0.4178, 0.3473

Protanopia

36.2762, 0.3453, 0.3667

Deuteranopia

36.2834, 0.3808, 0.3739



Tritanopia

36.1624, 0.3964, 0.3173

Trichromacy



Original Color

36.0857, 0.4178, 0.3473

Protanomaly

35.7243, 0.3716, 0.3592

Deuteranomaly

36.1450, 0.3938, 0.3644

Tritanomaly

36.0467, 0.4041, 0.3281

Monochromacy



Original Color

36.0857, 0.4178, 0.3473

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.2932, 0.3477, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0857, 0.4178, 0.3473 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, 141, 126)` looks like.

```
.text, #text, p{  
    color:rgb(222, 141, 126)  
}
```

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, 141, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 141, 126) }
```

Border

The CSS property to change the border of an element to Yxy 36.0857, 0.4178, 0.3473 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, 141, 126) }
```

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

```
.border{ border-color:rgb(222, 141, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 141, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 141, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 141, 126);  
box-shadow:4px 4px 4px 4px rgb(222, 141,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0857, 0.4178, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 141, 126) }
```

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

```
.background{ background-color: rgb(222,  
141, 126) }
```

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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