

Converting Colors

$Yxy(37.3172, 0.4042, 0.3539)$

Have a look what the booklet for
Yxy(37.3172, 0.4042, 0.3539)
contains.

Yxy(37.1854, 0.4047, 0.3540)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(37.1854, 0.4047, 0.3540)

Conversions

Conversions Part 1

Format	Color
Hex	D79480
RGB	215, 148, 128
RGB Percent	84%, 58%, 50%
CMY	0.1568, 0.4196, 0.4982
CMYK	0.00, 0.31, 0.40, 0.16
HSL	14°, 52%, 67%
HSV	14°, 40%, 84%
XYZ	42.5111, 37.1854, 25.3470
YIQ	165.7530, 46.3520, 7.9840

Conversions

Conversions Part 2

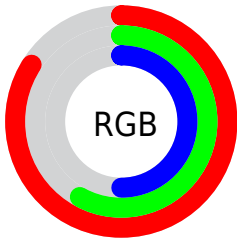
Format	Color
R _Y B	215, 154, 128
Decimal	14128256
CIE Lab	67.42, 22.83, 20.79
CIE LCh	67, 30.873, 42.326
Yxy	37.1854, 0.4047, 0.3540
Android (android.graphics.Color)	4292318336 (0xFFD79480)
YUV	165.7530, -18.6122, 43.1896
Hunter-Lab	60.9798, 17.7237, 18.0413

Details

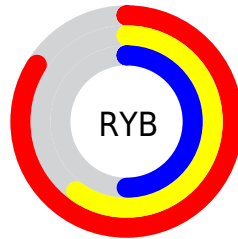
The Yxy color **37.1854, 0.4047, 0.3540** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.5121, 0.2531, 0.3019**, and the grayscale version is **38.0826, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8373, 0.3713, 0.3510**, and **16.3830, 0.4331, 0.3586** is the 20% darker color. If you saturate the color by 10%, you get **31.8532, 0.4385, 0.3597**, and if you desaturate by 10%, it is **43.3837, 0.3756, 0.3477**.

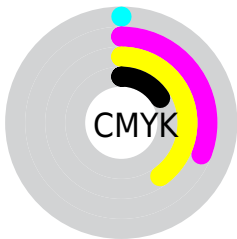
Distribution



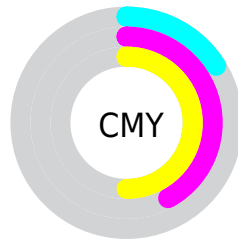
- Red (84%)
- Green (58%)
- Blue (50%)



- Red (84%)
- Yellow (60%)
- Blue (50%)



- Cyan (0%)
- Magenta (31%)
- Yellow (40%)
- Black (16%)





- Cyan (16%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1854, 0.4047, 0.3540 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 37.1854, 0.4047, 0.3540 by changing the saturation by 10% instead.

 37.1854, 0.4047,
0.3540


 37.1854, 0.4047,
0.3540


334.1125, 0.3566,
0.3428


 25.3511, 0.4173,
0.3563


 70.8578, 0.3868,
0.3503

 16.3388, 0.4337,
0.3588


 93.4647, 0.3801,
0.3488

 9.7642, 0.4560,
0.3613


 120.4313, 0.3746,
0.3475

 5.2429, 0.4877,
0.3633

152.1419, 0.3699,
0.3463

 2.3905, 0.5378,
0.3639

188.9809, 0.3659,
0.3453

 0.8210, 0.6371,
0.3629

231.3327, 0.3624,

 0.0000, 1.0000,

0.3443

0.0000

279.5818, 0.3593,
0.3435

■ 0.0000, 0.0000,
0.0000

■ 37.1854, 0.4047,
0.3540

■ 37.1854, 0.4047,
0.3540

■ 31.8532, 0.4385,
0.3597

■ 43.3837, 0.3756,
0.3477

■ 27.3427, 0.4765,
0.3641

■ 50.4790, 0.3510,
0.3413

■ 23.6135, 0.5167,
0.3660


■ 58.5076, 0.3305,
0.3351

■ 20.6195, 0.5558,
0.3645

■ 67.5019, 0.3135,
0.3293

■ 18.3096, 0.5894,
0.3590

■ 77.4929, 0.2993,
0.3239

 16.6869, 0.6134,
0.3512

 88.3824, 0.2885,
0.3210

 93.1887, 0.2889,
0.3289

Harmonies

Analogous

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



37.1854, 0.3835, 0.3168



37.1854, 0.4047, 0.3540



37.1854, 0.3988, 0.3884

Triad

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



37.1854, 0.4047, 0.3540



37.1854, 0.2803, 0.3809



37.1854, 0.2553, 0.2544

Complementary

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



37.1854, 0.4047, 0.3540



48.5121, 0.2531, 0.3019

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.



37.1854, 0.2322, 0.2645



37.1854, 0.4047, 0.3540



37.1854, 0.2455, 0.3360

Square

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



37.1854, 0.4047, 0.3540



37.1854, 0.3254, 0.4093



37.1854, 0.2287, 0.2930



37.1854, 0.2946, 0.2619

Rectangle

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



37.1854, 0.4047, 0.3540



37.1854, 0.3811, 0.4051



37.1854, 0.2287, 0.2930



37.1854, 0.2456, 0.2557

Sweetspot

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



37.1872, 0.4047, 0.3540



84.0641, 0.3336, 0.3361



33.8708, 0.3361, 0.2490



17.6490, 0.3362, 0.3369



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.



37.1872, 0.4047, 0.3540



47.6048, 0.4349, 0.3592



52.9844, 0.3837, 0.4033



12.8800, 0.3285, 0.3344



10.1138, 0.6109, 0.3531



0.7378, 0.5768, 0.3802

Inverse Universe

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



48.5121, 0.2531, 0.3019



66.4919, 0.2417, 0.2948



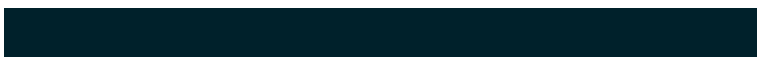
32.1547, 0.2435, 0.2410



13.6005, 0.2982, 0.3235



19.3077, 0.2037, 0.2534



1.2854, 0.2078, 0.2680

Previews

White Background



This preview shows how the Yxy color 37.1854, 0.4047, 0.3540 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 37.1854, 0.4047, 0.3540 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 37.1854, 0.4047, 0.3540

Background



This preview shows how black text looks on a background with the Yxy color 37.1854, 0.4047, 0.3540.



This preview shows how white text looks on a background with the Yxy color 37.1854, 0.4047, 0.3540.

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

37.1854, 0.4047, 0.3540

Protanopia

37.3272, 0.3478, 0.3690

Deuteranopia

37.2975, 0.3790, 0.3722



Tritanopia

37.0648, 0.3791, 0.3157

Trichromacy



Original Color

37.1854, 0.4047, 0.3540

Protanomaly

36.9660, 0.3680, 0.3633

Deuteranomaly

37.0610, 0.3882, 0.3645

Tritanomaly

36.8941, 0.3887, 0.3292

Monochromacy



Original Color

37.1854, 0.4047, 0.3540

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.2536, 0.3440, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1854, 0.4047, 0.3540 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(215, 148, 128)` looks like.

```
.text, #text, p{  
    color:rgb(215, 148, 128)  
}
```

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(215, 148, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 148, 128) }
```

Border

The CSS property to change the border of an element to Yxy 37.1854, 0.4047, 0.3540 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(215, 148, 128) }
```

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

```
.border{ border-color:rgb(215, 148, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 148, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 148, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 148, 128);  
box-shadow:4px 4px 4px 4px rgb(215, 148,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1854, 0.4047, 0.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 148, 128) }
```

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

```
.background{ background-color: rgb(215,  
148, 128) }
```

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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