

Converting Colors

$Yxy(43.1185, 0.3737, 0.3414)$

Have a look what the booklet for
Yxy(43.1185, 0.3737, 0.3414)
contains.

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Color

Yxy(43.0932, 0.3737, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	D8A399
RGB	216, 163, 153
RGB Percent	85%, 64%, 60%
CMY	0.1528, 0.3608, 0.4001
CMYK	0.00, 0.25, 0.29, 0.15
HSL	10°, 45%, 72%
HSV	10°, 29%, 85%
XYZ	47.1703, 43.0932, 35.9615
YIQ	177.7070, 34.7980, 8.1260

Conversions

Conversions Part 2

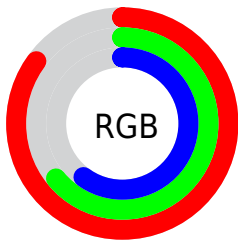
Format	Color
R _Y B	216, 165, 153
Decimal	14197657
CIE Lab	71.62, 18.20, 12.82
CIE LCh	72, 22.261, 35.158
Yxy	43.0932, 0.3737, 0.3414
Android (android.graphics.Color)	4292387737 (0xFFD8A399)
YUV	177.7070, -12.1806, 33.5830
Hunter-Lab	65.6454, 13.3838, 13.4719

Details

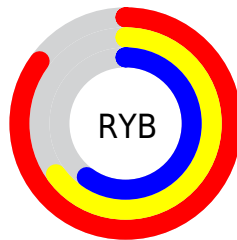
The Yxy color **43.0932, 0.3737, 0.3414** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.8793, 0.2694, 0.3162**, and the grayscale version is **44.4109, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.9078, 0.3477, 0.3403**, and **19.8018, 0.3921, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **36.4490, 0.4037, 0.3458**, and if you desaturate by 10%, it is **50.7979, 0.3488, 0.3369**.

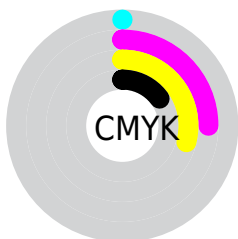
Distribution



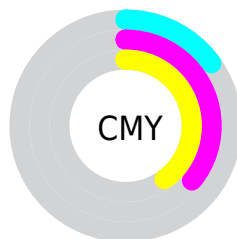
- Red (85%)
- Green (64%)
- Blue (60%)



- Red (85%)
- Yellow (65%)
- Blue (60%)



- Cyan (0%)
- Magenta (25%)
- Yellow (29%)
- Black (15%)





- Cyan (15%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0932, 0.3737, 0.3414 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 43.0932, 0.3737, 0.3414 by changing the saturation by 10% instead.


 43.0932, 0.3737,
0.3414


 43.0932, 0.3737,
0.3414


358.9949, 0.3425,
0.3358

 29.9582, 0.3817,
0.3426


 79.8515, 0.3622,
0.3395

 19.8069, 0.3920,
0.3439


 104.2436, 0.3579,
0.3388

 12.2548, 0.4060,
0.3455


133.1569, 0.3544,
0.3381

 6.9174, 0.4257,
0.3471

166.9758, 0.3513,
0.3376

 3.4105, 0.4556,
0.3484

206.0846, 0.3486,
0.3371

 1.3496, 0.5146,
0.3533

250.8678, 0.3463,

 0.1791, 0.7743,

0.3366

0.2257

301.7098, 0.3443,
0.3362

0.0000, 0.0000,
0.0000

43.0932, 0.3737,
0.3414

43.0932, 0.3737,
0.3414

36.4490, 0.4037,
0.3458

50.7979, 0.3488,
0.3369

30.8129, 0.4390,
0.3498

59.6004, 0.3283,
0.3327

26.1371, 0.4793,
0.3528

69.5438, 0.3115,
0.3287

22.3675, 0.5223,
0.3539

80.6670, 0.2976,
0.3250

19.4445, 0.5643,
0.3525

92.6146, 0.2894,
0.3278

■ 17.3012, 0.5996,
0.3481

■ 93.3428, 0.2894,
0.3289

■ 15.8559, 0.6241,
0.3417

■ 15.7645, 0.6258,
0.3413

Harmonies

Analogous

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



43.0932, 0.3553, 0.3151



43.0932, 0.3737, 0.3414



43.0932, 0.3746, 0.3662

Triad

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



43.0932, 0.3737, 0.3414



43.0932, 0.2980, 0.3697



43.0932, 0.2677, 0.2772

Complementary

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



43.0932, 0.3737, 0.3414



55.8793, 0.2694, 0.3162

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.



43.0932, 0.2542, 0.2883



43.0932, 0.3737, 0.3414



43.0932, 0.2710, 0.3418

Square

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



43.0932, 0.3737, 0.3414



43.0932, 0.3299, 0.3850



43.0932, 0.2553, 0.3115



43.0932, 0.2933, 0.2792

Rectangle

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



43.0932, 0.3737, 0.3414



43.0932, 0.3653, 0.3787



43.0932, 0.2553, 0.3115



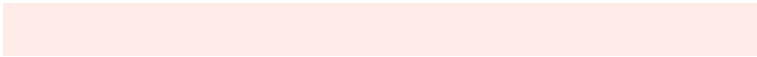
43.0932, 0.2616, 0.2794

Sweetspot

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



43.0952, 0.3737, 0.3414



86.9043, 0.3281, 0.3326



41.8642, 0.3245, 0.2668



18.1758, 0.3309, 0.3332



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.



43.0952, 0.3737, 0.3414



56.6158, 0.3915, 0.3441



55.4685, 0.3633, 0.3777



12.7361, 0.3287, 0.3328



9.4311, 0.6238, 0.3429



0.6706, 0.5938, 0.3668

Inverse Universe

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



55.8793, 0.2694, 0.3162



78.1078, 0.2610, 0.3131



42.4090, 0.2649, 0.2749



13.7563, 0.2983, 0.3252



22.7955, 0.2106, 0.2780



1.4671, 0.2133, 0.2877

Previews

White Background



This preview shows how the Yxy color 43.0932, 0.3737, 0.3414 looks on a white background.

Color Contrast Check

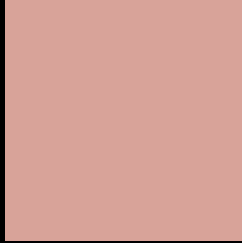
Large Text (above 18pt) WCAG AA × Fail

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 43.0932, 0.3737, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

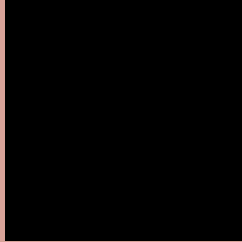
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0932, 0.3737, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 43.0932, 0.3737, 0.3414.



This preview shows how white text looks on a background with the Yxy color 43.0932, 0.3737, 0.3414.

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

43.0932, 0.3737, 0.3414

Protanopia

43.2304, 0.3334, 0.3505

Deuteranopia

43.0604, 0.3581, 0.3509



Tritanopia

43.0256, 0.3579, 0.3147

Trichromacy



Original Color

43.0932, 0.3737, 0.3414

Protanomaly

43.1622, 0.3473, 0.3473

Deuteranomaly

43.0262, 0.3636, 0.3481

Tritanomaly

42.9581, 0.3635, 0.3243

Monochromacy



Original Color

43.0932, 0.3737, 0.3414

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.9582, 0.3334, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0932, 0.3737, 0.3414 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(216, 163, 153)` looks like.

```
.text, #text, p{  
    color:rgb(216, 163, 153)  
}
```

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(216, 163, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 163, 153) }
```

Border

The CSS property to change the border of an element to Yxy 43.0932, 0.3737, 0.3414 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(216, 163, 153) }
```

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

```
.border{ border-color:rgb(216, 163, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 163, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 163, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 163, 153);  
box-shadow:4px 4px 4px 4px rgb(216, 163,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0932, 0.3737, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 163, 153) }
```

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

```
.background{ background-color: rgb(216,  
163, 153) }
```

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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