

Converting Colors

$Yxy(37.6509, 0.3728, 0.3435)$

Have a look what the booklet for
Yxy(37.6509, 0.3728, 0.3435)
contains.

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Color

Yxy(37.6509, 0.3728, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	CA9A8F
RGB	202, 154, 143
RGB Percent	79%, 60%, 56%
CMY	0.2080, 0.3960, 0.4393
CMYK	0.00, 0.24, 0.29, 0.21
HSL	11°, 36%, 68%
HSV	11°, 29%, 79%
XYZ	40.8625, 37.6509, 31.0962
YIQ	167.0980, 32.1390, 6.7550

Conversions

Conversions Part 2

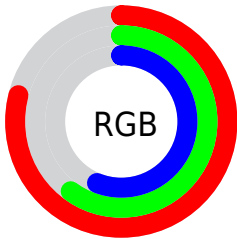
Format	Color
R _Y B	202, 157, 143
Decimal	13277839
CIE Lab	67.76, 16.32, 12.71
CIE LCh	68, 20.688, 37.907
Yxy	37.6509, 0.3728, 0.3435
Android (android.graphics.Color)	4291467919 (0xFFCA9A8F)
YUV	167.0980, -11.8803, 30.6091
Hunter-Lab	61.3603, 11.4902, 12.9052

Details

The Yxy color **37.6509, 0.3728, 0.3435** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.3332, 0.2693, 0.3139**, and the grayscale version is **38.7407, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8921, 0.3570, 0.3415**, and **16.6939, 0.3918, 0.3468** is the 20% darker color. If you saturate the color by 10%, you get **32.0396, 0.4020, 0.3487**, and if you desaturate by 10%, it is **44.1172, 0.3484, 0.3383**.

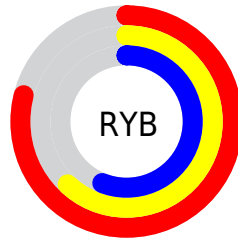
Distribution



Red (79%)

Green (60%)

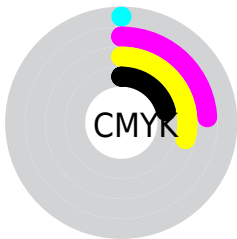
Blue (56%)



Red (79%)

Yellow (62%)

Blue (56%)

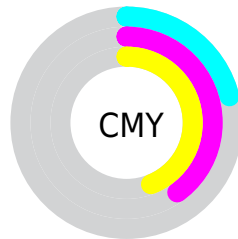


Cyan (0%)

Magenta (24%)

Yellow (29%)

Black (21%)



Cyan (21%)


Magenta (40%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.6509, 0.3728, 0.3435 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 37.6509, 0.3728, 0.3435 by changing the saturation by 10% instead.


 37.6509, 0.3728,
0.3435


 37.6509, 0.3728,
0.3435


336.1200, 0.3414,
0.3367

 25.7119, 0.3811,
0.3450


 71.5727, 0.3611,
0.3412

 16.6082, 0.3919,
0.3468


 94.3243, 0.3568,
0.3402

 9.9555, 0.4069,
0.3490


121.4489, 0.3532,
0.3394

 5.3695, 0.4285,
0.3515

153.3308, 0.3501,
0.3387

 2.4656, 0.4624,
0.3537

190.3545, 0.3475,
0.3381

 0.8594, 0.5841,
0.3943

232.9043, 0.3452,

 0.0000, 1.0000,

0.3376

0.0000

281.3647, 0.3432,
0.3371

0.0000, 0.0000,
0.0000

37.6509, 0.3728,
0.3435

37.6509, 0.3728,
0.3435

32.0396, 0.4020,
0.3487

44.1172, 0.3484,
0.3383

27.2423, 0.4363,
0.3534

51.4670, 0.3282,
0.3333

23.2223, 0.4752,
0.3570

59.7338, 0.3115,
0.3286

19.9381, 0.5169,
0.3586

68.9479, 0.2977,
0.3244

17.3442, 0.5579,
0.3574

79.1381, 0.2863,
0.3205

■ 15.3897, 0.5932,
0.3528

■ 89.7273, 0.2814,
0.3263

■ 14.0120, 0.6190,
0.3458

■ 91.2913, 0.2816,
0.3289

■ 13.9234, 0.6208,
0.3453

Harmonies

Analogous

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



37.6509, 0.3564, 0.3177



37.6509, 0.3728, 0.3435



37.6509, 0.3720, 0.3672

Triad

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



37.6509, 0.3728, 0.3435



37.6509, 0.2957, 0.3664



37.6509, 0.2707, 0.2782

Complementary

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



37.6509, 0.3728, 0.3435



47.3332, 0.2693, 0.3139

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.



37.6509, 0.2564, 0.2880



37.6509, 0.3728, 0.3435



37.6509, 0.2702, 0.3387

Square

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



37.6509, 0.3728, 0.3435



37.6509, 0.3266, 0.3826



37.6509, 0.2562, 0.3096



37.6509, 0.2965, 0.2812

Rectangle

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



37.6509, 0.3728, 0.3435



37.6509, 0.3621, 0.3786



37.6509, 0.2562, 0.3096



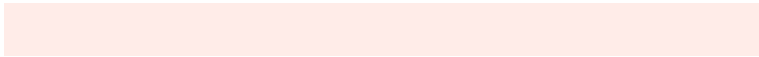
37.6509, 0.2645, 0.2800

Sweetspot

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



37.6527, 0.3728, 0.3435



87.2776, 0.3280, 0.3333



35.9618, 0.3263, 0.2692



18.2670, 0.3308, 0.3340



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.



37.6527, 0.3728, 0.3435



57.6422, 0.3906, 0.3468



48.5203, 0.3625, 0.3799



11.5476, 0.3285, 0.3334



9.0602, 0.6188, 0.3469



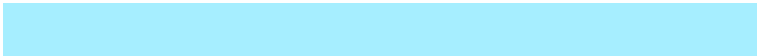
0.5722, 0.5822, 0.3759

Inverse Universe

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



47.3332, 0.2693, 0.3139



76.6271, 0.2607, 0.3102



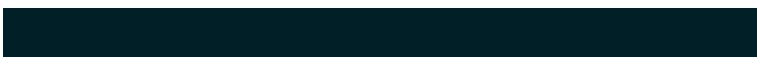
35.8243, 0.2648, 0.2722



12.3563, 0.2983, 0.3246



20.0012, 0.2079, 0.2685



1.1265, 0.2116, 0.2816

Previews

White Background



This preview shows how the Yxy color 37.6509, 0.3728, 0.3435 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 37.6509, 0.3728, 0.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

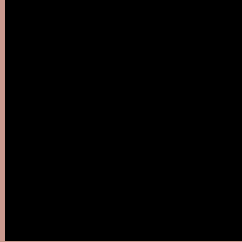
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.6509, 0.3728, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 37.6509, 0.3728, 0.3435.



This preview shows how white text looks on a background with the Yxy color 37.6509, 0.3728, 0.3435.

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

37.6509, 0.3728, 0.3435

Protanopia

37.8508, 0.3336, 0.3518

Deuteranopia

37.6964, 0.3598, 0.3521



Tritanopia

37.6149, 0.3552, 0.3138

Trichromacy



Original Color

37.6509, 0.3728, 0.3435

Protanomaly

37.6636, 0.3473, 0.3484

Deuteranomaly

37.5363, 0.3646, 0.3492

Tritanomaly

37.5533, 0.3611, 0.3240

Monochromacy



Original Color

37.6509, 0.3728, 0.3435

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.0126, 0.3337, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6509, 0.3728, 0.3435 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(202, 154, 143)` looks like.

```
.text, #text, p{  
    color:rgb(202, 154, 143)  
}
```

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(202, 154, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 154, 143) }
```

Border

The CSS property to change the border of an element to Yxy 37.6509, 0.3728, 0.3435 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(202, 154, 143) }
```

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

```
.border{ border-color:rgb(202, 154, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 154, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 154, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 154, 143);  
box-shadow:4px 4px 4px 4px rgb(202, 154,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6509, 0.3728, 0.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 154, 143) }
```

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

```
.background{ background-color: rgb(202,  
154, 143) }
```

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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