

Converting Colors

$Yxy(43.7222, 0.3628, 0.3375)$

Have a look what the booklet for
Yxy(43.7222, 0.3628, 0.3375)
contains.

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Color

Yxy(43.7727, 0.3630, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	D4A69F
RGB	212, 166, 159
RGB Percent	83%, 65%, 62%
CMY	0.1688, 0.3489, 0.3765
CMYK	0.00, 0.22, 0.25, 0.17
HSL	8°, 38%, 73%
HSV	8°, 25%, 83%
XYZ	47.0382, 43.7727, 38.7708
YIQ	178.9560, 29.6630, 7.5750

Conversions

Conversions Part 2

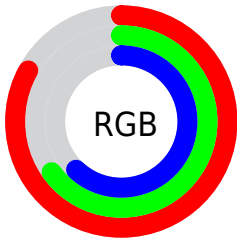
Format	Color
RYB	212, 167, 159
Decimal	13936287
CIELab	72.08, 15.86, 10.10
CIElCh	72, 18.798, 32.494
Yxy	43.7727, 0.3630, 0.3378
Android (android.graphics.Color)	4292126367 (0xFFD4A69F)
YUV	178.9560, -9.8383, 28.9796
Hunter-Lab	66.1609, 11.1257, 11.5682

Details

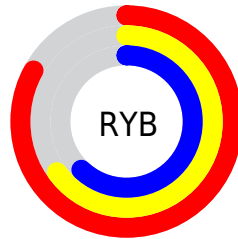
The Yxy color **43.7727, 0.3630, 0.3378** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.7603, 0.2754, 0.3200**, and the grayscale version is **45.0962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8279, 0.3422, 0.3362**, and **20.1853, 0.3769, 0.3391** is the 20% darker color. If you saturate the color by 10%, you get **36.8857, 0.3912, 0.3415**, and if you desaturate by 10%, it is **51.7458, 0.3398, 0.3341**.

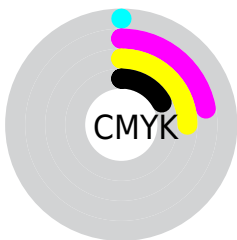
Distribution



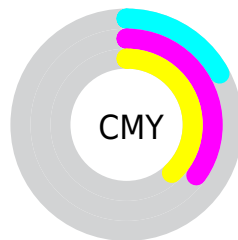
- Red (83%)
- Green (65%)
- Blue (62%)



- Red (83%)
- Yellow (65%)
- Blue (62%)



- Cyan (0%)
- Magenta (22%)
- Yellow (25%)
- Black (17%)




- Cyan (17%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.7727, 0.3630, 0.3378 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 43.7727, 0.3630, 0.3378 by changing the saturation by 10% instead.


 43.7727, 0.3630,
0.3378

 43.7727, 0.3630,
0.3378


361.7799, 0.3374,
0.3338

 30.4919, 0.3695,
0.3386


 80.8756, 0.3536,
0.3365

 20.2122, 0.3780,
0.3396


 105.4664, 0.3501,
0.3359

 12.5494, 0.3895,
0.3408


134.5961, 0.3471,
0.3355

 7.1190, 0.4056,
0.3421

168.6489, 0.3446,
0.3351

 3.5366, 0.4303,
0.3433

208.0093, 0.3424,
0.3347

 1.4179, 0.4736,
0.3444

253.0617, 0.3405,

 0.2299, 0.7248,

0.3344

0.2752

304.1904, 0.3389,
0.3341

0.0000, 0.0000,
0.0000

43.7727, 0.3630,
0.3378

43.7727, 0.3630,
0.3378

36.8857, 0.3912,
0.3415

51.7458, 0.3398,
0.3341

31.0319, 0.4249,
0.3451

60.8428, 0.3208,
0.3306

26.1631, 0.4641,
0.3479

71.1073, 0.3053,
0.3274

22.2249, 0.5072,
0.3495

82.5787, 0.2926,
0.3245

19.1574, 0.5511,
0.3491

92.7319, 0.2871,
0.3289

■ 16.8938, 0.5903,
0.3463

■ 15.3574, 0.6190,
0.3411

■ 14.8265, 0.6293,
0.3385

Harmonies

Analogous

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



43.7727, 0.3466, 0.3155



43.7727, 0.3630, 0.3378



43.7727, 0.3652, 0.3590

Triad

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



43.7727, 0.3630, 0.3378



43.7727, 0.3028, 0.3645



43.7727, 0.2732, 0.2856

Complementary

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



43.7727, 0.3630, 0.3378



55.7603, 0.2754, 0.3200

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.



43.7727, 0.2627, 0.2963



43.7727, 0.3630, 0.3378



43.7727, 0.2793, 0.3421

Square

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



43.7727, 0.3630, 0.3378



43.7727, 0.3297, 0.3761



43.7727, 0.2649, 0.3167



43.7727, 0.2942, 0.2861

Rectangle

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



43.7727, 0.3630, 0.3378



43.7727, 0.3583, 0.3698



43.7727, 0.2649, 0.3167



43.7727, 0.2684, 0.2879

Sweetspot

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



43.7747, 0.3630, 0.3378



89.4183, 0.3245, 0.3313



43.2346, 0.3210, 0.2739



18.9528, 0.3256, 0.3316



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.



43.7747, 0.3630, 0.3378



60.7335, 0.3774, 0.3398



54.0465, 0.3556, 0.3684



12.6834, 0.3288, 0.3322



9.2396, 0.6276, 0.3399



0.6459, 0.6005, 0.3614

Inverse Universe

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



55.7603, 0.2754, 0.3200



81.9664, 0.2681, 0.3178



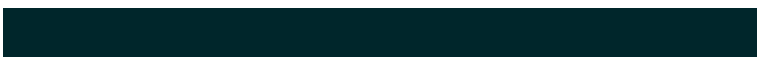
44.4852, 0.2725, 0.2861



13.8141, 0.2983, 0.3258



24.1808, 0.2130, 0.2868



1.5382, 0.2152, 0.2948

Previews

White Background



This preview shows how the Yxy color 43.7727, 0.3630, 0.3378 looks on a white background.

Color Contrast Check

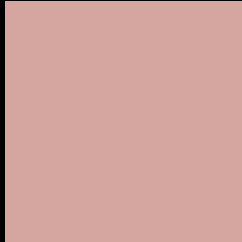
Large Text (above 18pt) WCAG AA × Fail

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 43.7727, 0.3630, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

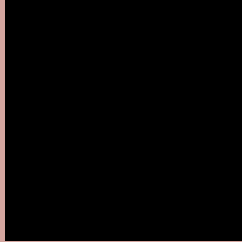
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7727, 0.3630, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 43.7727, 0.3630, 0.3378.



This preview shows how white text looks on a background with the Yxy color 43.7727, 0.3630, 0.3378.

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

43.7727, 0.3630, 0.3378

Protanopia

43.7983, 0.3290, 0.3451

Deuteranopia

44.0119, 0.3521, 0.3457



Tritanopia

43.6251, 0.3496, 0.3134

Trichromacy



Original Color

43.7727, 0.3630, 0.3378

Protanomaly

43.5830, 0.3416, 0.3421

Deuteranomaly

43.8237, 0.3564, 0.3430

Tritanomaly

43.5993, 0.3541, 0.3218

Monochromacy



Original Color

43.7727, 0.3630, 0.3378

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.3270, 0.3297, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7727, 0.3630, 0.3378 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(212, 166, 159)` looks like.

```
.text, #text, p{  
    color:rgb(212, 166, 159)  
}
```

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(212, 166, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 166, 159) }
```

Border

The CSS property to change the border of an element to Yxy 43.7727, 0.3630, 0.3378 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(212, 166, 159) }
```

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

```
.border{ border-color:rgb(212, 166, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 166, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 166, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 166, 159); box-shadow:4px 4px 4px 4px rgb(212, 166, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7727, 0.3630, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 166, 159) }
```

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

```
.background{ background-color: rgb(212,  
166, 159) }
```

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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