

Converting Colors

$Yxy(43.6025, 0.3743, 0.3426)$

Have a look what the booklet for
Yxy(43.6025, 0.3743, 0.3426)
contains.

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Color

Yxy(43.6025, 0.3743, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	D9A499
RGB	217, 164, 153
RGB Percent	85%, 64%, 60%
CMY	0.1490, 0.3568, 0.4001
CMYK	0.00, 0.24, 0.30, 0.15
HSL	10°, 46%, 73%
HSV	10°, 30%, 85%
XYZ	47.6369, 43.6025, 36.0300
YIQ	178.5930, 35.1190, 7.8150

Conversions

Conversions Part 2

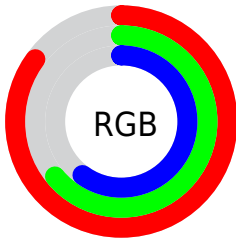
Format	Color
R _Y B	217, 166, 153
Decimal	14263449
CIE Lab	71.96, 18.02, 13.32
CIE LCh	72, 22.410, 36.480
Yxy	43.6025, 0.3743, 0.3426
Android (android.graphics.Color)	4292453529 (0xFFD9A499)
YUV	178.5930, -12.6173, 33.6829
Hunter-Lab	66.0322, 13.2171, 13.8714

Details

The Yxy color **43.6025, 0.3743, 0.3426** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.8996, 0.2688, 0.3149**, and the grayscale version is **44.9058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4280, 0.3476, 0.3413**, and **20.1247, 0.3929, 0.3454** is the 20% darker color. If you saturate the color by 10%, you get **36.9710, 0.4042, 0.3474**, and if you desaturate by 10%, it is **51.2761, 0.3494, 0.3378**.

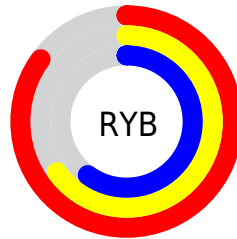
Distribution



Red (85%)

Green (64%)

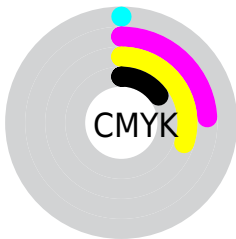
Blue (60%)



Red (85%)

Yellow (65%)

Blue (60%)

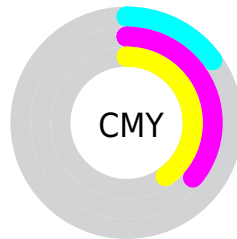


Cyan (0%)

Magenta (24%)

Yellow (30%)

Black (15%)



Cyan (15%)


Magenta (36%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6025, 0.3743, 0.3426 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 43.6025, 0.3743, 0.3426 by changing the saturation by 10% instead.


 43.6025, 0.3743,
0.3426


 43.6025, 0.3743,
0.3426


361.0837, 0.3429,
0.3365

 30.3581, 0.3823,
0.3439


 80.6193, 0.3627,
0.3405

 20.1106, 0.3927,
0.3454


 105.1605, 0.3584,
0.3397

 12.4755, 0.4067,
0.3472

134.2360, 0.3548,
0.3390

 7.0683, 0.4264,
0.3492

168.2304, 0.3517,
0.3384

 3.5049, 0.4562,
0.3508

207.5280, 0.3491,
0.3378

 1.4007, 0.5141,
0.3561

252.5131, 0.3467,

 0.2172, 0.7485,

0.3373

0.2515

303.5702, 0.3447,
0.3369

0.0000, 0.0000,
0.0000

43.6025, 0.3743,
0.3426

43.6025, 0.3743,
0.3426

36.9710, 0.4042,
0.3474

51.2761, 0.3494,
0.3378

31.3304, 0.4393,
0.3517

60.0277, 0.3288,
0.3331

26.6347, 0.4792,
0.3549

69.8992, 0.3120,
0.3288

22.8315, 0.5217,
0.3562

80.9284, 0.2980,
0.3248

19.8633, 0.5632,
0.3547

92.7275, 0.2899,
0.3277

■ 17.6656, 0.5982,
0.3500

■ 93.4906, 0.2900,
0.3289

■ 16.1589, 0.6227,
0.3432

■ 16.0997, 0.6238,
0.3429

Harmonies

Analogous

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



43.6025, 0.3566, 0.3161



43.6025, 0.3743, 0.3426



43.6025, 0.3744, 0.3673

Triad

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



43.6025, 0.3743, 0.3426



43.6025, 0.2966, 0.3688



43.6025, 0.2685, 0.2769

Complementary

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



43.6025, 0.3743, 0.3426



55.8996, 0.2688, 0.3149

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.



43.6025, 0.2543, 0.2874



43.6025, 0.3743, 0.3426



43.6025, 0.2699, 0.3405

Square

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



43.6025, 0.3743, 0.3426



43.6025, 0.3285, 0.3848



43.6025, 0.2548, 0.3103



43.6025, 0.2946, 0.2794

Rectangle

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



43.6025, 0.3743, 0.3426



43.6025, 0.3646, 0.3794



43.6025, 0.2548, 0.3103



43.6025, 0.2622, 0.2789

Sweetspot

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



43.6045, 0.3743, 0.3426



87.0840, 0.3281, 0.3329



41.9960, 0.3256, 0.2672



18.2197, 0.3308, 0.3336



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.



43.6045, 0.3743, 0.3426



57.1082, 0.3910, 0.3454



56.3730, 0.3637, 0.3795



13.4126, 0.3287, 0.3331



9.8533, 0.6218, 0.3445



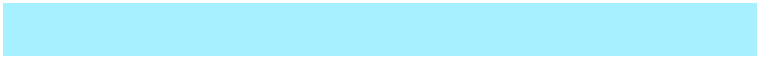
0.7503, 0.5923, 0.3679

Inverse Universe

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



55.8996, 0.2688, 0.3149



77.3915, 0.2609, 0.3117



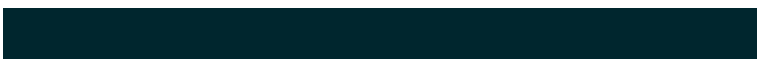
42.1721, 0.2642, 0.2727



14.4276, 0.2982, 0.3249



22.8285, 0.2093, 0.2733



1.5818, 0.2120, 0.2833

Previews

White Background



This preview shows how the Yxy color 43.6025, 0.3743, 0.3426 looks on a white background.

Color Contrast Check

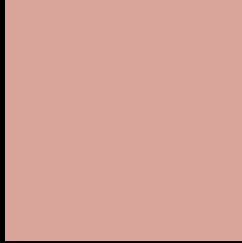
Large Text (above 18pt) WCAG AA × Fail

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 43.6025, 0.3743, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

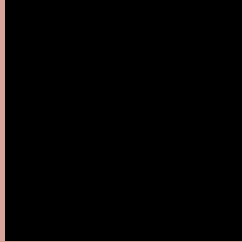
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6025, 0.3743, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 43.6025, 0.3743, 0.3426.



This preview shows how white text looks on a background with the Yxy color 43.6025, 0.3743, 0.3426.

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

43.6025, 0.3743, 0.3426

Protanopia

43.7442, 0.3341, 0.3518

Deuteranopia

43.7130, 0.3597, 0.3520



Tritanopia

43.5669, 0.3577, 0.3148

Trichromacy



Original Color

43.6025, 0.3743, 0.3426

Protanomaly

43.6751, 0.3480, 0.3485

Deuteranomaly

43.6822, 0.3652, 0.3492

Tritanomaly

43.4993, 0.3632, 0.3243

Monochromacy



Original Color

43.6025, 0.3743, 0.3426

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.5118, 0.3333, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6025, 0.3743, 0.3426 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(217, 164, 153)` looks like.

```
.text, #text, p{  
    color:rgb(217, 164, 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(217, 164, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 164, 153) }
```

Border

The CSS property to change the border of an element to Yxy 43.6025, 0.3743, 0.3426 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(217, 164, 153) }
```

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

```
.border{ border-color:rgb(217, 164, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 164, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 164, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 164, 153);  
box-shadow:4px 4px 4px 4px rgb(217, 164,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6025, 0.3743, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 164, 153) }
```

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

```
.background{ background-color: rgb(217,  
164, 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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