

Converting Colors

$Y_{xy}(40.7495, 0.3994, 0.3584)$

Have a look what the booklet for
Yxy(40.7495, 0.3994, 0.3584)
contains.

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Color

Yxy(40.8675, 0.3990, 0.3583)

Conversions

Conversions Part 1

Format	Color
Hex	DB9D85
RGB	219, 157, 133
RGB Percent	86%, 62%, 52%
CMY	0.1411, 0.3843, 0.4784
CMYK	0.00, 0.28, 0.39, 0.14
HSL	17°, 54%, 69%
HSV	17°, 39%, 86%
XYZ	45.5097, 40.8675, 27.6822
YIQ	172.8020, 44.6560, 5.6800

Conversions

Conversions Part 2

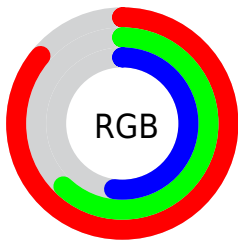
Format	Color
R_{YB}	219, 166, 133
Decimal	14392709
CIE Lab	70.08, 20.12, 21.72
CIE LCh	70, 29.604, 47.194
Yxy	40.8675, 0.3990, 0.3583
Android (android.graphics.Color)	4292582789 (0xFFDB9D85)
YUV	172.8020, -19.6224, 40.5156
Hunter-Lab	63.9277, 15.1996, 19.0754

Details

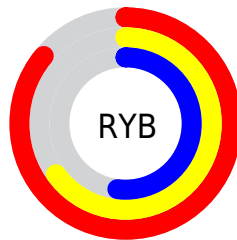
The Yxy color **40.8675, 0.3990, 0.3583** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.1498, 0.2538, 0.2971**, and the grayscale version is **41.7696, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.8921, 0.3646, 0.3559**, and **18.4091, 0.4258, 0.3644** is the 20% darker color. If you saturate the color by 10%, you get **35.3225, 0.4309, 0.3654**, and if you desaturate by 10%, it is **47.2336, 0.3714, 0.3506**.

Distribution



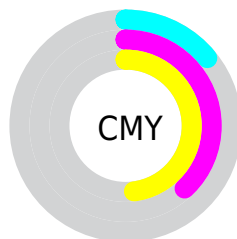
- Red (86%)
- Green (62%)
- Blue (52%)



- Red (86%)
- Yellow (65%)
- Blue (52%)



- Cyan (0%)
- Magenta (28%)
- Yellow (39%)
- Black (14%)




- Cyan (14%)
- Magenta (38%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.8675, 0.3990, 0.3583 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 40.8675, 0.3990, 0.3583 by changing the saturation by 10% instead.


 40.8675, 0.3990,
0.3583


 40.8675, 0.3990,
0.3583


349.7665, 0.3546,
0.3449

 28.2156, 0.4104,
0.3612


 76.4827, 0.3826,
0.3538

 18.4882, 0.4251,
0.3645


 100.2148, 0.3765,
0.3520

 11.3011, 0.4448,
0.3682


 128.4090, 0.3714,
0.3504

 6.2697, 0.4724,
0.3721

161.4498, 0.3670,
0.3490

 3.0098, 0.5130,
0.3747

199.7216, 0.3633,
0.3478

 1.1368, 0.6090,
0.3910

243.6087, 0.3600,

 0.0092, 0.9819,

0.3467

0.0181

293.4955, 0.3571,
0.3458

0.0000, 0.0000,
0.0000

40.8675, 0.3990,
0.3583

40.8675, 0.3990,
0.3583

35.3225, 0.4309,
0.3654

47.2336, 0.3714,
0.3506

30.5585, 0.4665,
0.3711

54.4469, 0.3479,
0.3429

26.5406, 0.5045,
0.3743

62.5398, 0.3282,
0.3355


23.2290, 0.5421,
0.3738


71.5410, 0.3116,
0.3285


20.5794, 0.5754,
0.3688

81.4781, 0.2977,
0.3221

 18.5372, 0.6013,
0.3600

 91.7553, 0.2911,
0.3257

 18.4095, 0.6031,
0.3594

 93.8038, 0.2912,
0.3289

Harmonies

Analogous

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



40.8675, 0.3832, 0.3234



40.8675, 0.3990, 0.3583



40.8675, 0.3897, 0.3890

Triad

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



40.8675, 0.3990, 0.3583



40.8675, 0.2765, 0.3709



40.8675, 0.2643, 0.2593

Complementary

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



40.8675, 0.3990, 0.3583



49.1498, 0.2538, 0.2971

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.



40.8675, 0.2398, 0.2662



40.8675, 0.3990, 0.3583



40.8675, 0.2463, 0.3287

Square

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



40.8675, 0.3990, 0.3583



40.8675, 0.3177, 0.4006



40.8675, 0.2335, 0.2903



40.8675, 0.3029, 0.2687

Rectangle

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



40.8675, 0.3990, 0.3583



40.8675, 0.3713, 0.4025



40.8675, 0.2335, 0.2903



40.8675, 0.2543, 0.2597

Sweetspot

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



40.8695, 0.3990, 0.3583



84.9036, 0.3334, 0.3375



35.8304, 0.3396, 0.2558



17.8454, 0.3359, 0.3385



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.



40.8695, 0.3990, 0.3583



51.2303, 0.4246, 0.3642



57.5828, 0.3796, 0.4057



13.6397, 0.3285, 0.3356



11.0729, 0.6004, 0.3615



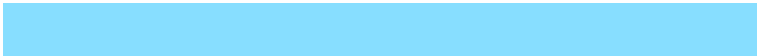
0.8613, 0.5680, 0.3872

Inverse Universe

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



49.1498, 0.2538, 0.2971



64.4022, 0.2429, 0.2892



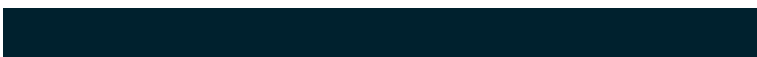
32.9110, 0.2447, 0.2378



14.1837, 0.2982, 0.3223



17.7113, 0.1989, 0.2361



1.2898, 0.2036, 0.2531

Previews

White Background



This preview shows how the Yxy color 40.8675, 0.3990, 0.3583 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 40.8675, 0.3990, 0.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

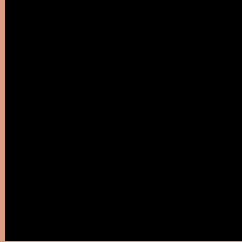
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.8675, 0.3990, 0.3583

Background



This preview shows how black text looks on a background with the Yxy color 40.8675, 0.3990, 0.3583.



This preview shows how white text looks on a background with the Yxy color 40.8675, 0.3990, 0.3583.

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

40.8675, 0.3990, 0.3583

Protanopia

40.9644, 0.3500, 0.3716

Deuteranopia

41.1328, 0.3793, 0.3717



Tritanopia

40.9924, 0.3717, 0.3161

Trichromacy



Original Color

40.8675, 0.3990, 0.3583

Protanomaly

40.6807, 0.3672, 0.3674

Deuteranomaly

40.9165, 0.3866, 0.3671

Tritanomaly

40.7833, 0.3818, 0.3304

Monochromacy



Original Color

40.8675, 0.3990, 0.3583

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.0532, 0.3425, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8675, 0.3990, 0.3583 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(219, 157, 133)` looks like.

```
.text, #text, p{  
    color:rgb(219, 157, 133)  
}
```

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(219, 157, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 157, 133) }
```

Border

The CSS property to change the border of an element to Yxy 40.8675, 0.3990, 0.3583 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(219, 157, 133) }
```

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

```
.border{ border-color:rgb(219, 157, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 157, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 157, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 157, 133);  
box-shadow:4px 4px 4px 4px rgb(219, 157,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8675, 0.3990, 0.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 157, 133) }
```

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

```
.background{ background-color: rgb(219,  
157, 133) }
```

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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