

Converting Colors

$Yxy(41.9149, 0.3917, 0.3551)$

Have a look what the booklet for
Yxy(41.9149, 0.3917, 0.3551)
contains.

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Color

Yxy(42.0367, 0.3926, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	DBA08A
RGB	219, 160, 138
RGB Percent	86%, 63%, 54%
CMY	0.1412, 0.3725, 0.4589
CMYK	0.00, 0.27, 0.37, 0.14
HSL	16°, 53%, 70%
HSV	16°, 37%, 86%
XYZ	46.3715, 42.0367, 29.7056
YIQ	175.1330, 42.2260, 5.6660

Conversions

Conversions Part 2

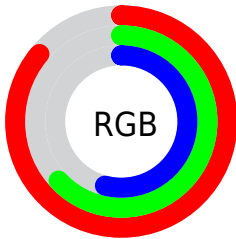
Format	Color
R _Y B	219, 168, 138
Decimal	14393482
CIE Lab	70.90, 19.06, 20.11
CIE LCh	71, 27.708, 46.523
Yxy	42.0367, 0.3926, 0.3559
Android (android.graphics.Color)	4292583562 (0xFFDBA08A)
YUV	175.1330, -18.3066, 38.4714
Hunter-Lab	64.8357, 14.2034, 18.2202

Details

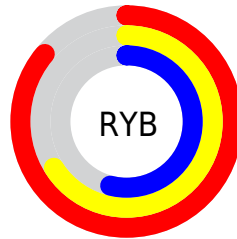
The Yxy color **42.0367, 0.3926, 0.3559** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.4384, 0.2571, 0.3000**, and the grayscale version is **43.0229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6666, 0.3594, 0.3527**, and **19.1111, 0.4164, 0.3613** is the 20% darker color. If you saturate the color by 10%, you get **36.2879, 0.4237, 0.3630**, and if you desaturate by 10%, it is **48.6266, 0.3658, 0.3484**.

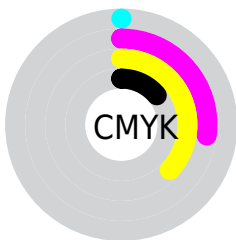
Distribution



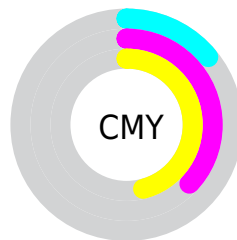
- Red (86%)
- Green (63%)
- Blue (54%)



- Red (86%)
- Yellow (66%)
- Blue (54%)



- Cyan (0%)
- Magenta (27%)
- Yellow (37%)
- Black (14%)



- Cyan (14%)
- Magenta (37%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0367, 0.3926, 0.3559 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 42.0367, 0.3926, 0.3559 by changing the saturation by 10% instead.


 42.0367, 0.3926,
0.3559


 42.0367, 0.3926,
0.3559


354.6350, 0.3516,
0.3435


 29.1300, 0.4031,
0.3586


 78.2552, 0.3775,
0.3517

 19.1792, 0.4166,
0.3617


 102.3358, 0.3719,
0.3500

 11.7998, 0.4347,
0.3654

 130.9098, 0.3672,
0.3486

 6.6075, 0.4601,
0.3694

164.3616, 0.3632,
0.3473

 3.2179, 0.4975,
0.3727

203.0756, 0.3597,
0.3462

 1.2465, 0.6001,
0.3999

247.4363, 0.3567,

 0.0992, 0.8494,

0.3452

0.1506

297.8280, 0.3540,
0.3443

0.0000, 0.0000,
0.0000

42.0367, 0.3926,
0.3559

42.0367, 0.3926,
0.3559

36.2879, 0.4237,
0.3630

48.6266, 0.3658,
0.3484

31.3398, 0.4589,
0.3690

56.0840, 0.3432,
0.3409

27.1572, 0.4968,
0.3727

64.4417, 0.3242,
0.3337

23.7001, 0.5351,
0.3730

73.7286, 0.3082,
0.3271

20.9242, 0.5699,
0.3690

83.9727, 0.2949,
0.3209

■ 18.7788, 0.5975,
0.3607

■ 93.8009, 0.2911,
0.3289

■ 18.2444, 0.6047,
0.3581

Harmonies

Analogous

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



42.0367, 0.3774, 0.3233



42.0367, 0.3926, 0.3559



42.0367, 0.3846, 0.3844

Triad

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



42.0367, 0.3926, 0.3559



42.0367, 0.2800, 0.3685



42.0367, 0.2671, 0.2640

Complementary

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



42.0367, 0.3926, 0.3559



50.4384, 0.2571, 0.3000

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.



42.0367, 0.2445, 0.2710



42.0367, 0.3926, 0.3559



42.0367, 0.2514, 0.3298

Square

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



42.0367, 0.3926, 0.3559



42.0367, 0.3185, 0.3954



42.0367, 0.2389, 0.2940



42.0367, 0.3028, 0.2724

Rectangle

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



42.0367, 0.3926, 0.3559



42.0367, 0.3679, 0.3970



42.0367, 0.2389, 0.2940



42.0367, 0.2578, 0.2645

Sweetspot

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



42.0387, 0.3926, 0.3559



85.9772, 0.3315, 0.3366



37.2809, 0.3377, 0.2600



18.0566, 0.3341, 0.3376



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.



42.0387, 0.3926, 0.3559



53.2403, 0.4151, 0.3612



58.2495, 0.3754, 0.4013



13.6246, 0.3285, 0.3354



10.9741, 0.6020, 0.3602



0.8532, 0.5697, 0.3859

Inverse Universe

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



50.4384, 0.2571, 0.3000



66.6211, 0.2470, 0.2931



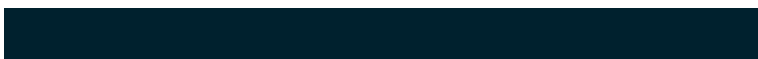
34.5908, 0.2491, 0.2441



14.1996, 0.2982, 0.3225



18.0210, 0.1996, 0.2386



1.3077, 0.2042, 0.2551

Previews

White Background



This preview shows how the Yxy color 42.0367, 0.3926, 0.3559 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 42.0367, 0.3926, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

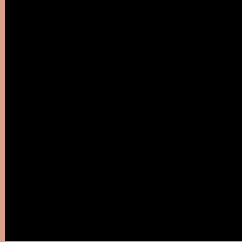
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.0367, 0.3926, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 42.0367, 0.3926, 0.3559.



This preview shows how white text looks on a background with the Yxy color 42.0367, 0.3926, 0.3559.

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

42.0367, 0.3926, 0.3559

Protanopia

42.0911, 0.3479, 0.3684

Deuteranopia

42.1401, 0.3748, 0.3676



Tritanopia

42.1337, 0.3668, 0.3149

Trichromacy



Original Color

42.0367, 0.3926, 0.3559

Protanomaly

41.8286, 0.3638, 0.3631

Deuteranomaly

41.9124, 0.3819, 0.3631

Tritanomaly

41.9204, 0.3766, 0.3292

Monochromacy



Original Color

42.0367, 0.3926, 0.3559

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.4345, 0.3392, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0367, 0.3926, 0.3559 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, 160, 138)` looks like.

```
.text, #text, p{  
    color:rgb(219, 160, 138)  
}
```

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, 160, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 160, 138) }
```

Border

The CSS property to change the border of an element to Yxy 42.0367, 0.3926, 0.3559 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, 160, 138) }
```

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

```
.border{ border-color:rgb(219, 160, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 160, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 160, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 160, 138);  
box-shadow:4px 4px 4px 4px rgb(219, 160,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0367, 0.3926, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 160, 138) }
```

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

```
.background{ background-color: rgb(219,  
160, 138) }
```

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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