

Converting Colors

$Yxy(42.2203, 0.3880, 0.3551)$

Have a look what the booklet for
Yxy(42.2203, 0.3880, 0.3551)
contains.

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Color

Yxy(42.1349, 0.3882, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	D9A18C
RGB	217, 161, 140
RGB Percent	85%, 63%, 55%
CMY	0.1489, 0.3687, 0.4509
CMYK	0.00, 0.26, 0.35, 0.15
HSL	16°, 50%, 70%
HSV	16°, 35%, 85%
XYZ	46.1014, 42.1349, 30.5205
YIQ	175.3500, 40.1170, 5.3410

Conversions

Conversions Part 2

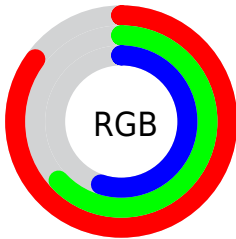
Format	Color
R _Y B	217, 169, 140
Decimal	14262668
CIE Lab	70.96, 18.01, 19.05
CIE LCh	71, 26.212, 46.608
Yxy	42.1349, 0.3882, 0.3548
Android (android.graphics.Color)	4292452748 (0xFFD9A18C)
YUV	175.3500, -17.4275, 36.5271
Hunter-Lab	64.9114, 13.1793, 17.5606

Details

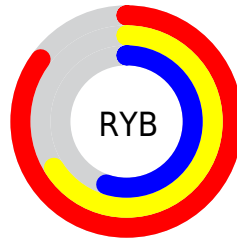
The Yxy color **42.1349, 0.3882, 0.3548** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.0940, 0.2592, 0.3013**, and the grayscale version is **43.1394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2668, 0.3577, 0.3517**, and **19.1490, 0.4101, 0.3601** is the 20% darker color. If you saturate the color by 10%, you get **36.3833, 0.4186, 0.3620**, and if you desaturate by 10%, it is **48.7139, 0.3621, 0.3472**.

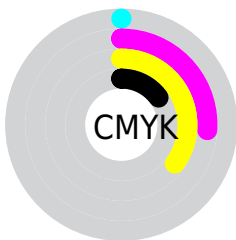
Distribution



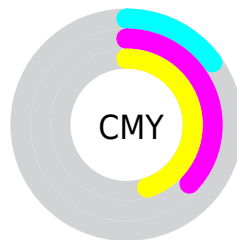
- Red (85%)
- Green (63%)
- Blue (55%)



- Red (85%)
- Yellow (66%)
- Blue (55%)



- Cyan (0%)
- Magenta (26%)
- Yellow (35%)
- Black (15%)





- Cyan (15%)
- Magenta (37%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.1349, 0.3882, 0.3548 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 42.1349, 0.3882, 0.3548 by changing the saturation by 10% instead.

 42.1349, 0.3882,
0.3548

 42.1349, 0.3882,
0.3548


355.0418, 0.3495,
0.3428


 29.2069, 0.3981,
0.3574


 78.4037, 0.3739,
0.3507

 19.2374, 0.4109,
0.3605


 102.5134, 0.3686,
0.3491

 11.8420, 0.4281,
0.3642


 131.1191, 0.3642,
0.3477

 6.6362, 0.4522,
0.3684

164.6053, 0.3604,
0.3465

 3.2356, 0.4879,
0.3723

203.3562, 0.3571,
0.3454

 1.2559, 0.5942,
0.4058

247.7563, 0.3542,

 0.1067, 0.8353,

0.3445

0.1647

298.1901, 0.3517,
0.3436

0.0000, 0.0000,
0.0000

42.1349, 0.3882,
0.3548

42.1349, 0.3882,
0.3548

36.3833, 0.4186,
0.3620

48.7139, 0.3621,
0.3472

31.4198, 0.4532,
0.3682

56.1457, 0.3401,
0.3398

27.2106, 0.4908,
0.3724

64.4620, 0.3216,
0.3327

23.7171, 0.5292,
0.3733

73.6910, 0.3061,
0.3261

20.8968, 0.5648,
0.3700

83.8598, 0.2931,
0.3200

■ 18.7018, 0.5936,
0.3623

■ 93.4963, 0.2900,
0.3289

■ 17.8950, 0.6045,
0.3582

Harmonies

Analogous

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



42.1349, 0.3739, 0.3238



42.1349, 0.3882, 0.3548



42.1349, 0.3807, 0.3817

Triad

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



42.1349, 0.3882, 0.3548



42.1349, 0.2817, 0.3661



42.1349, 0.2696, 0.2673

Complementary

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



42.1349, 0.3882, 0.3548



50.0940, 0.2592, 0.3013

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.



42.1349, 0.2480, 0.2740



42.1349, 0.3882, 0.3548



42.1349, 0.2546, 0.3298

Square

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



42.1349, 0.3882, 0.3548



42.1349, 0.3182, 0.3915



42.1349, 0.2427, 0.2960



42.1349, 0.3036, 0.2753

Rectangle

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



42.1349, 0.3882, 0.3548



42.1349, 0.3649, 0.3934



42.1349, 0.2427, 0.2960



42.1349, 0.2607, 0.2678

Sweetspot

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



42.1369, 0.3882, 0.3548



85.9848, 0.3315, 0.3366



37.5258, 0.3364, 0.2628



18.0584, 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.



42.1369, 0.3882, 0.3548



54.0574, 0.4119, 0.3606



57.5250, 0.3725, 0.3984



13.6257, 0.3285, 0.3354



10.9808, 0.6019, 0.3603



0.8538, 0.5695, 0.3860

Inverse Universe

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



50.0940, 0.2592, 0.3013



67.1970, 0.2483, 0.2940



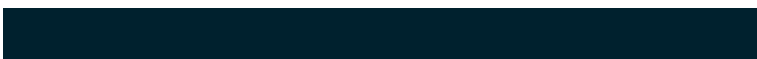
35.0378, 0.2520, 0.2482



14.1986, 0.2982, 0.3225



17.9998, 0.1996, 0.2385



1.3065, 0.2042, 0.2550

Previews

White Background



This preview shows how the Yxy color 42.1349, 0.3882, 0.3548 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 42.1349, 0.3882, 0.3548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

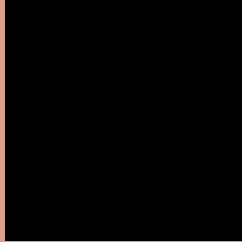
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.1349, 0.3882, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 42.1349, 0.3882, 0.3548.



This preview shows how white text looks on a background with the Yxy color 42.1349, 0.3882, 0.3548.

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

42.1349, 0.3882, 0.3548

Protanopia

42.4147, 0.3449, 0.3671

Deuteranopia

42.1980, 0.3729, 0.3650



Tritanopia

42.1942, 0.3636, 0.3148

Trichromacy



Original Color

42.1349, 0.3882, 0.3548

Protanomaly

41.9917, 0.3597, 0.3620

Deuteranomaly

42.1842, 0.3786, 0.3619

Tritanomaly

41.9824, 0.3733, 0.3292

Monochromacy



Original Color

42.1349, 0.3882, 0.3548

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.3052, 0.3382, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1349, 0.3882, 0.3548 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, 161, 140)` looks like.

```
.text, #text, p{  
    color:rgb(217, 161, 140)  
}
```

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, 161, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 161, 140) }
```

Border

The CSS property to change the border of an element to Yxy 42.1349, 0.3882, 0.3548 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, 161, 140) }
```

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

```
.border{ border-color:rgb(217, 161, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 161, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 161, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 161, 140);  
box-shadow:4px 4px 4px 4px rgb(217, 161,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1349, 0.3882, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 161, 140) }
```

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

```
.background{ background-color: rgb(217,  
161, 140) }
```

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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