

Converting Colors

$Yxy(48.7618, 0.3655, 0.3606)$

Have a look what the booklet for
Yxy(48.7618, 0.3655, 0.3606)
contains.

Yxy(48.6862, 0.3654, 0.3608)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(48.6862, 0.3654, 0.3608)

Conversions

Conversions Part 1

Format	Color
Hex	D5B399
RGB	213, 179, 153
RGB Percent	84%, 70%, 60%
CMY	0.1648, 0.2980, 0.3999
CMYK	0.00, 0.16, 0.28, 0.16
HSL	26°, 42%, 72%
HSV	26°, 28%, 84%
XYZ	49.3069, 48.6862, 36.9465
YIQ	186.2020, 28.6100, -0.8780

Conversions

Conversions Part 2

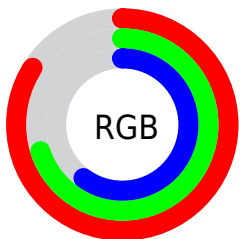
Format	Color
R _Y B	213, 199, 153
Decimal	14005145
CIE Lab	75.26, 8.41, 17.84
CIE LCh	75, 19.723, 64.759
Yxy	48.6862, 0.3654, 0.3608
Android (android.graphics.Color)	4292195225 (0xFFD5B399)
YUV	186.2020, -16.3686, 23.5018
Hunter-Lab	69.7755, 4.0301, 17.4485

Details

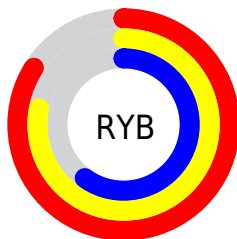
The Yxy color **48.6862, 0.3654, 0.3608** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.1145, 0.2686, 0.2948**, and the grayscale version is **49.3044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1817, 0.3447, 0.3571**, and **23.0491, 0.3797, 0.3683** is the 20% darker color. If you saturate the color by 10%, you get **43.4188, 0.3895, 0.3726**, and if you desaturate by 10%, it is **54.5070, 0.3442, 0.3490**.

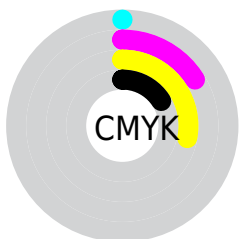
Distribution



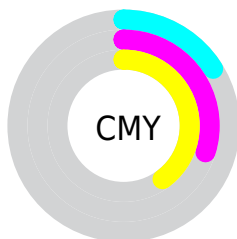
- Red (84%)
- Green (70%)
- Blue (60%)



- Red (84%)
- Yellow (78%)
- Blue (60%)



- Cyan (0%)
- Magenta (16%)
- Yellow (28%)
- Black (16%)





- Cyan (16%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6862, 0.3654, 0.3608 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 48.6862, 0.3654, 0.3608 by changing the saturation by 10% instead.


 48.6862, 0.3654,
0.3608


 48.6862, 0.3654,
0.3608


381.5056, 0.3391,
0.3455

 34.3706, 0.3719,
0.3644


 88.2252, 0.3559,
0.3554

 23.1785, 0.3802,
0.3689


 114.2174, 0.3523,
0.3533

 14.7253, 0.3912,
0.3746


144.8707, 0.3493,
0.3515

 8.6269, 0.4063,
0.3821

180.5693, 0.3467,
0.3500

 4.4986, 0.4282,
0.3922

221.6977, 0.3444,
0.3487

 1.9562, 0.4667,
0.4095

268.6403, 0.3424,

 0.5818, 0.5658,


0.3475

0.4342

321.7815, 0.3407,
0.3464


 0.0000, 0.0000,
0.0000


 48.6862, 0.3654,
0.3608

 48.6862, 0.3654,
0.3608

 43.4188, 0.3895,
0.3726

 54.5070, 0.3442,
0.3490


 38.6806, 0.4165,
0.3838


 60.8909, 0.3258,
0.3377


 34.4552, 0.4458,
0.3935

 67.8562, 0.3100,
0.3271

 30.7229, 0.4764,
0.4004

 75.4179, 0.2963,
0.3172

 27.4622, 0.5067,
0.4034

 83.2963, 0.2870,
0.3127

■ 24.6493, 0.5343,
0.4012

■ 90.6124, 0.2875,
0.3252

■ 22.2548, 0.5575,
0.3938

■ 92.8826, 0.2877,
0.3289

■ 21.8517, 0.5616,
0.3922

Harmonies

Analogous

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



48.6862, 0.3644, 0.3396



48.6862, 0.3654, 0.3608



48.6862, 0.3518, 0.3748

Triad

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



48.6862, 0.3654, 0.3608



48.6862, 0.2774, 0.3404



48.6862, 0.2959, 0.2861

Complementary

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



48.6862, 0.3654, 0.3608



47.1145, 0.2686, 0.2948

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.



48.6862, 0.2740, 0.2847



48.6862, 0.3654, 0.3608



48.6862, 0.2637, 0.3147

Square

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



48.6862, 0.3654, 0.3608



48.6862, 0.3007, 0.3636



48.6862, 0.2625, 0.2947



48.6862, 0.3233, 0.2977

Rectangle

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



48.6862, 0.3654, 0.3608



48.6862, 0.3366, 0.3774



48.6862, 0.2625, 0.2947



48.6862, 0.2877, 0.2844

Sweetspot

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



48.6884, 0.3654, 0.3608



91.6014, 0.3257, 0.3377



40.5215, 0.3399, 0.2881



19.2821, 0.3283, 0.3393



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.



48.6884, 0.3654, 0.3608



68.1835, 0.3800, 0.3681



62.0343, 0.3561, 0.3947



13.2974, 0.3280, 0.3391



13.5461, 0.5592, 0.3942



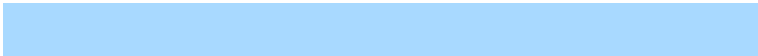
0.9799, 0.5292, 0.4180

Inverse Universe

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



47.1145, 0.2686, 0.2948



65.4200, 0.2588, 0.2860



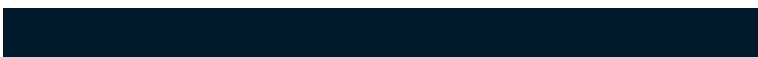
35.6996, 0.2643, 0.2536



13.1646, 0.2982, 0.3186



11.4459, 0.1837, 0.1814



0.8536, 0.1915, 0.2094

Previews

White Background



This preview shows how the Yxy color 48.6862, 0.3654, 0.3608 looks on a white background.

Color Contrast Check

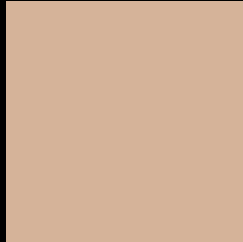
Large Text (above 18pt) WCAG AA × Fail

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 48.6862, 0.3654, 0.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

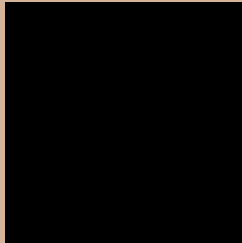
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.6862, 0.3654, 0.3608

Background



This preview shows how black text looks on a background with the Yxy color 48.6862, 0.3654, 0.3608.



This preview shows how white text looks on a background with the Yxy color 48.6862, 0.3654, 0.3608.

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

48.6862, 0.3654, 0.3608

Protanopia

48.8340, 0.3457, 0.3661

Deuteranopia

48.5878, 0.3676, 0.3594



Tritanopia

48.6547, 0.3394, 0.3126

Trichromacy



Original Color

48.6862, 0.3654, 0.3608

Protanomaly

48.7901, 0.3525, 0.3643

Deuteranomaly

48.4368, 0.3667, 0.3595

Tritanomaly

48.7447, 0.3495, 0.3303

Monochromacy



Original Color

48.6862, 0.3654, 0.3608

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.6587, 0.3312, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6862, 0.3654, 0.3608 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(213, 179, 153)` looks like.

```
.text, #text, p{  
    color:rgb(213, 179, 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(213, 179, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 179, 153) }
```

Border

The CSS property to change the border of an element to Yxy 48.6862, 0.3654, 0.3608 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(213, 179, 153) }
```

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

```
.border{ border-color:rgb(213, 179, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 179, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 179, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 179, 153); box-shadow:4px 4px 4px 4px rgb(213, 179, 153) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6862, 0.3654, 0.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 179, 153) }
```

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

```
.background{ background-color: rgb(213,  
179, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor