

Converting Colors

Yxy(50.3597, 0.3666, 0.3628)

Have a look what the booklet for
Yxy(50.3597, 0.3666, 0.3628)
contains.

Yxy(50.3879, 0.3663, 0.3628)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.3879, 0.3663, 0.3628)

Conversions

Conversions Part 1

Format	Color
Hex	D8B69A
RGB	216, 182, 154
RGB Percent	85%, 71%, 60%
CMY	0.1531, 0.2862, 0.3960
CMYK	0.00, 0.16, 0.29, 0.15
HSL	27°, 44%, 73%
HSV	27°, 29%, 85%
XYZ	50.8740, 50.3879, 37.6243
YIQ	188.9740, 29.2520, -1.5000

Conversions

Conversions Part 2

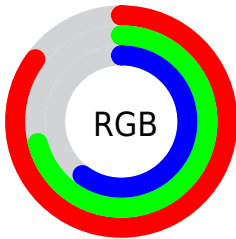
Format	Color
RYB	216, 205, 154
Decimal	14202522
CIELab	76.31, 8.09, 18.80
CIElCh	76, 20.471, 66.717
Yxy	50.3879, 0.3663, 0.3628
Android (android.graphics.Color)	4292392602 (0xFFD8B69A)
YUV	188.9740, -17.2422, 23.7018
Hunter-Lab	70.9844, 3.7068, 18.2633

Details

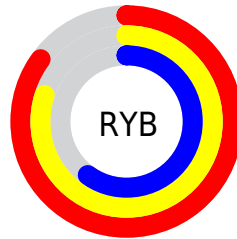
The Yxy color **50.3879, 0.3663, 0.3628** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.7834, 0.2675, 0.2925**, and the grayscale version is **50.9616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.9631, 0.3435, 0.3590**, and **24.1534, 0.3807, 0.3708** is the 20% darker color. If you saturate the color by 10%, you get **45.0882, 0.3902, 0.3751**, and if you desaturate by 10%, it is **56.2316, 0.3452, 0.3505**.

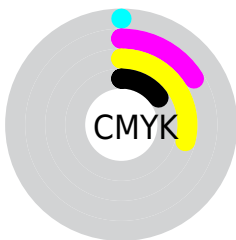
Distribution



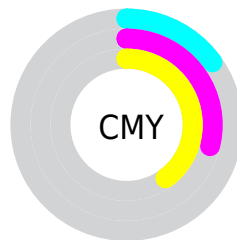
- Red (85%)
- Green (71%)
- Blue (60%)



- Red (85%)
- Yellow (80%)
- Blue (60%)



- Cyan (0%)
- Magenta (16%)
- Yellow (29%)
- Black (15%)





- Cyan (15%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3879, 0.3663, 0.3628 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 50.3879, 0.3663, 0.3628 by changing the saturation by 10% instead.


 50.3879, 0.3663,
0.3628


 50.3879, 0.3663,
0.3628


388.1809, 0.3397,
0.3466

 35.7217, 0.3728,
0.3666


 90.7493, 0.3567,
0.3571

 24.2193, 0.3811,
0.3713


 117.2134, 0.3531,
0.3549

 15.4964, 0.3920,
0.3773


148.3788, 0.3500,
0.3530

 9.1685, 0.4069,
0.3851

184.6301, 0.3474,
0.3514

 4.8513, 0.4283,
0.3956

226.3515, 0.3451,
0.3500

 2.1603, 0.4639,
0.4120

273.9275, 0.3431,

 0.6982, 0.5523,

0.3487

0.4477

327.7425, 0.3413,
0.3476

0.0000, 0.0000,
0.0000

50.3879, 0.3663,
0.3628

50.3879, 0.3663,
0.3628

45.0882, 0.3902,
0.3751

56.2316, 0.3452,
0.3505

40.3085, 0.4169,
0.3867

62.6285, 0.3267,
0.3387

36.0330, 0.4456,
0.3967

69.5963, 0.3107,
0.3276

32.2424, 0.4755,
0.4039

77.1498, 0.2969,
0.3172

28.9156, 0.5047,
0.4069

84.8437, 0.2889,
0.3147

■ 26.0294, 0.5313,
0.4048

■ 92.0886, 0.2893,
0.3269

■ 23.5538, 0.5536,
0.3975

■ 93.3343, 0.2894,
0.3289

■ 23.2548, 0.5564,
0.3964

Harmonies

Analogous

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



50.3879, 0.3663, 0.3414



50.3879, 0.3663, 0.3628



50.3879, 0.3514, 0.3765

Triad

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



50.3879, 0.3663, 0.3628



50.3879, 0.2752, 0.3389



50.3879, 0.2972, 0.2855

Complementary

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



50.3879, 0.3663, 0.3628



47.7834, 0.2675, 0.2925

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.



50.3879, 0.2742, 0.2833



50.3879, 0.3663, 0.3628



50.3879, 0.2620, 0.3127

Square

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



50.3879, 0.3663, 0.3628



50.3879, 0.2986, 0.3632



50.3879, 0.2616, 0.2928



50.3879, 0.3254, 0.2980

Rectangle

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



50.3879, 0.3663, 0.3628



50.3879, 0.3355, 0.3786



50.3879, 0.2616, 0.2928



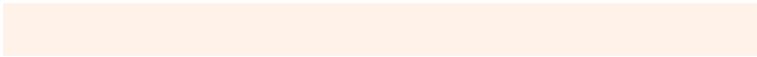
50.3879, 0.2886, 0.2835

Sweetspot

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



50.3902, 0.3663, 0.3628



90.8444, 0.3274, 0.3392



41.3468, 0.3416, 0.2885



19.1415, 0.3300, 0.3409



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.



50.3902, 0.3663, 0.3628



68.9573, 0.3794, 0.3698



64.4521, 0.3567, 0.3971



13.3358, 0.3280, 0.3396



13.9781, 0.5538, 0.3984



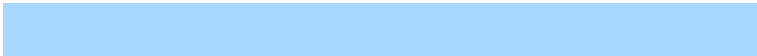
1.0072, 0.5248, 0.4215

Inverse Universe

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



47.7834, 0.2675, 0.2925



64.5970, 0.2585, 0.2841



35.9818, 0.2631, 0.2504



13.1256, 0.2982, 0.3182



10.8763, 0.1820, 0.1750



0.8204, 0.1900, 0.2040

Previews

White Background



This preview shows how the Yxy color 50.3879, 0.3663, 0.3628 looks on a white background.

Color Contrast Check

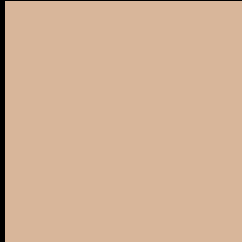
Large Text (above 18pt) WCAG AA × Fail

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 50.3879, 0.3663, 0.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

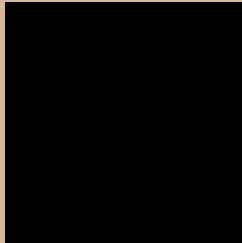
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3879, 0.3663, 0.3628

Background



This preview shows how black text looks on a background with the Yxy color 50.3879, 0.3663, 0.3628.



This preview shows how white text looks on a background with the Yxy color 50.3879, 0.3663, 0.3628.

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

50.3879, 0.3663, 0.3628

Protanopia

50.5429, 0.3468, 0.3681

Deuteranopia

50.2863, 0.3685, 0.3614



Tritanopia

50.4215, 0.3390, 0.3128

Trichromacy



Original Color

50.3879, 0.3663, 0.3628

Protanomaly

50.4972, 0.3535, 0.3663

Deuteranomaly

50.1326, 0.3676, 0.3615

Tritanomaly

50.5146, 0.3490, 0.3303

Monochromacy



Original Color

50.3879, 0.3663, 0.3628

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.3945, 0.3317, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3879, 0.3663, 0.3628 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(216, 182, 154)` looks like.

```
.text, #text, p{  
    color:rgb(216, 182, 154)  
}
```

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(216, 182, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 182, 154) }
```

Border

The CSS property to change the border of an element to Yxy 50.3879, 0.3663, 0.3628 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(216, 182, 154) }
```

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

```
.border{ border-color:rgb(216, 182, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 182, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 182, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 182, 154);  
box-shadow:4px 4px 4px 4px rgb(216, 182,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3879, 0.3663, 0.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 182, 154) }
```

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

```
.background{ background-color: rgb(216,  
182, 154) }
```

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