

Converting Colors

Yxy(38.3617, 0.3648, 0.3833)

Have a look what the booklet for
Yxy(38.3617, 0.3648, 0.3833)
contains.

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Color

Yxy(38.3617, 0.3648, 0.3833)

Conversions

Conversions Part 1	
Format	Color
Hex	B6A57E
RGB	182, 165, 126
RGB Percent	71%, 65%, 49%
CMY	0.2863, 0.3529, 0.5060
CMYK	0.00, 0.09, 0.31, 0.29
HSL	42°, 28%, 60%
HSV	42°, 31%, 71%
XYZ	36.5102, 38.3617, 25.2108
YIQ	165.6370, 22.6510, -8.5250

Conversions

Conversions Part 2

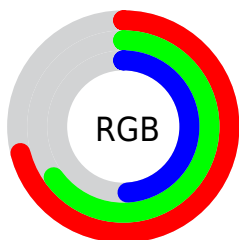
Format	Color
RYB	150, 182, 126
Decimal	11969918
CIELab	68.29, 0.16, 22.51
CIELCh	68, 22.510, 89.590
Yxy	38.3617, 0.3648, 0.3833
Android (android.graphics.Color)	4290159998 (0xFFB6A57E)
YUV	165.6370, -19.5410, 14.3504
Hunter-Lab	61.9368, -3.1683, 19.2223

Details

The Yxy color $38.3617, 0.3648, 0.3833$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $27.4451, 0.2622, 0.2679$, and the grayscale version is $38.0365, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.7918, 0.3552, 0.3730$, and $16.9353, 0.3797, 0.3983$ is the 20% darker color. If you saturate the color by 10%, you get $35.9874, 0.3842, 0.4012$, and if you desaturate by 10%, it is $40.9109, 0.3464, 0.3652$.

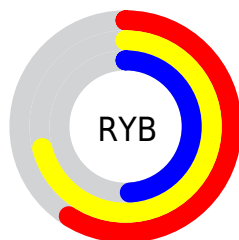
Distribution



Red (71%)

Green (65%)

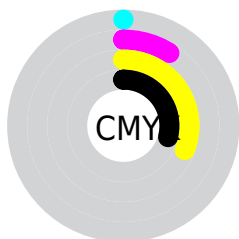
Blue (49%)



Red (59%)

Yellow (71%)

Blue (49%)

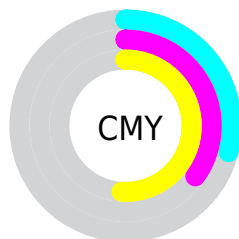


Cyan (0%)

Magenta (9%)

Yellow (31%)

Black (29%)



Cyan (29%)


Magenta (35%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3617, 0.3648, 0.3833 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 38.3617, 0.3648, 0.3833 by changing the saturation by 10% instead.


 38.3617, 0.3648,
0.3833


 38.3617, 0.3648,
0.3833


339.1690, 0.3381,
0.3555

 26.2635, 0.3716,
0.3904


 72.6622, 0.3550,
0.3731

 17.0209, 0.3804,
0.3995

 95.6333, 0.3513,
0.3693

 10.2494, 0.3920,
0.4116


 122.9975, 0.3482,
0.3661

 5.5646, 0.4081,
0.4283

155.1392, 0.3456,
0.3633

 2.5822, 0.4339,
0.4550

192.4429, 0.3433,
0.3610

 0.9177, 0.4885,
0.5115


235.2928, 0.3414,


 0.0000, 0.0000,

0.3589


0.0000


284.0734, 0.3396,
0.3571


 38.3617, 0.3648,
0.3833

 38.3617, 0.3648,
0.3833

 35.9874, 0.3842,
0.4012

 40.9109, 0.3464,
0.3652


 33.7771, 0.4042,
0.4179


 43.6350, 0.3294,
0.3474

 31.7263, 0.4241,
0.4326


 46.5409, 0.3139,
0.3303


 29.8282, 0.4430,
0.4442

 49.6333, 0.2998,
0.3142

 28.0752, 0.4600,
0.4516


 52.9168, 0.2872,
0.2992

 26.4587, 0.4742,
0.4542

 56.3957, 0.2759,
0.2853

 25.0736, 0.4852,
0.4530

 60.0743, 0.2658,
0.2726

 62.8426, 0.2656,
0.2773

 65.6004, 0.2663,
0.2838

Harmonies

Analogous

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



38.3617, 0.3791, 0.3635



38.3617, 0.3648, 0.3833



38.3617, 0.3367, 0.3889

Triad

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



38.3617, 0.3648, 0.3833



38.3617, 0.2545, 0.3161



38.3617, 0.3196, 0.2876

Complementary

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



38.3617, 0.3648, 0.3833



27.4451, 0.2622, 0.2679

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.



38.3617, 0.2865, 0.2754



38.3617, 0.3648, 0.3833



38.3617, 0.2504, 0.2899

Square

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



38.3617, 0.3648, 0.3833



38.3617, 0.2734, 0.3485



38.3617, 0.2617, 0.2758



38.3617, 0.3523, 0.3095

Rectangle

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



38.3617, 0.3648, 0.3833



38.3617, 0.3144, 0.3824



38.3617, 0.2617, 0.2758



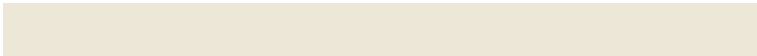
38.3617, 0.3081, 0.2823

Sweetspot

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



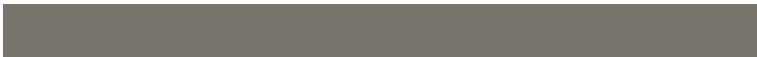
38.3635, 0.3648, 0.3833



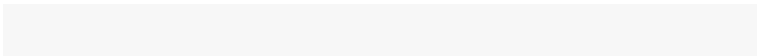
79.9500, 0.3268, 0.3445



26.8653, 0.3592, 0.3039



17.4937, 0.3291, 0.3471



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.3635, 0.3648, 0.3833



66.5749, 0.3780, 0.3956



43.6989, 0.3489, 0.4071



10.0312, 0.3271, 0.3449



17.8291, 0.4842, 0.4537



0.7320, 0.4638, 0.4699

Inverse Universe

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



27.4451, 0.2622, 0.2679



43.6061, 0.2499, 0.2517



23.5481, 0.2688, 0.2426



9.1517, 0.2985, 0.3126



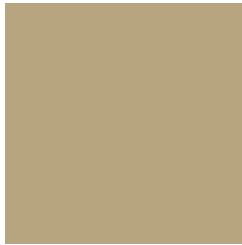
4.4315, 0.1619, 0.1027



0.2687, 0.1770, 0.1572

Previews

White Background



This preview shows how the Yxy color 38.3617, 0.3648, 0.3833 looks on a white background.

Color Contrast Check

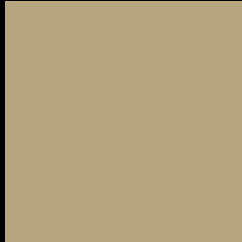
Large Text (above 18pt) WCAG AA × Fail

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 38.3617, 0.3648, 0.3833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

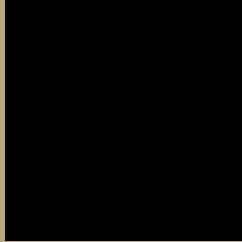
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3617, 0.3648, 0.3833

Background



This preview shows how black text looks on a background with the Yxy color 38.3617, 0.3648, 0.3833.



This preview shows how white text looks on a background with the Yxy color 38.3617, 0.3648, 0.3833.

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

38.3617, 0.3648, 0.3833

Protanopia

38.2697, 0.3594, 0.3839

Deuteranopia

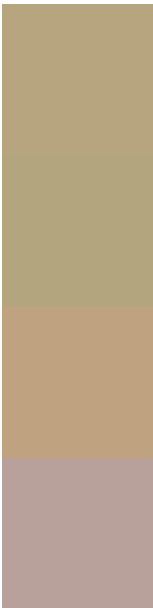
38.4097, 0.3802, 0.3729



Tritanopia

38.3013, 0.3289, 0.3131

Trichromacy



Original Color
38.3617, 0.3648, 0.3833

Protanomaly
38.3884, 0.3605, 0.3838

Deuteranomaly
38.4493, 0.3742, 0.3763

Tritanomaly
38.1706, 0.3417, 0.3373

Monochromacy



Original Color
38.3617, 0.3648, 0.3833

Achromatopsia
38.1326, 0.3127, 0.3290

Achromatomaly
38.2775, 0.3316, 0.3503

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3617, 0.3648, 0.3833 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(182, 165, 126)` looks like.

```
.text, #text, p{  
    color:rgb(182, 165, 126)  
}
```

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(182, 165, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 165, 126) }
```

Border

The CSS property to change the border of an element to Yxy 38.3617, 0.3648, 0.3833 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(182, 165, 126) }
```

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

```
.border{ border-color:rgb(182, 165, 126) }
```

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

Here you see how a box with a 4 pixel rgb(182, 165, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 165, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 165, 126);  
box-shadow:4px 4px 4px 4px rgb(182, 165,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3617, 0.3648, 0.3833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 165, 126) }
```

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

```
.background{ background-color: rgb(182,  
165, 126) }
```

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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