

Converting Colors

Yxy(36.0612, 0.3957, 0.4032)

Have a look what the booklet for
Yxy(36.0612, 0.3957, 0.4032)
contains.

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Color

Yxy(36.1244, 0.3958, 0.4037)

Conversions

Conversions Part 1	
Format	Color
Hex	BC9E67
RGB	188, 158, 103
RGB Percent	74%, 62%, 40%
CMY	0.2627, 0.3804, 0.5960
CMYK	0.00, 0.16, 0.45, 0.26
HSL	39°, 39%, 57%
HSV	39°, 45%, 74%
XYZ	35.4175, 36.1244, 17.9414
YIQ	160.7000, 35.5350, -10.7450

Conversions

Conversions Part 2

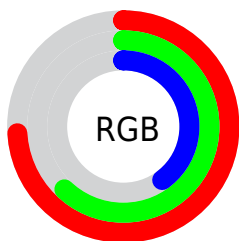
Format	Color
RYB	149, 188, 103
Decimal	12361319
CIELab	66.61, 3.70, 32.79
CIELCh	67, 33.001, 83.557
Yxy	36.1244, 0.3958, 0.4037
Android (android.graphics.Color)	4290551399 (0xFFBC9E67)
YUV	160.7000, -28.4461, 23.9421
Hunter-Lab	60.1036, 0.0042, 24.3740

Details

The Yxy color $36.1244, 0.3958, 0.4037$ is a dark color, and the websafe version is hex $CC9966$. A complement of this color would be $23.2997, 0.2372, 0.2396$, and the grayscale version is $35.6182, 0.3127, 0.3290$.

A 20% lighter version of the original color is $69.0464, 0.3805, 0.3894$, and $15.7778, 0.4195, 0.4237$ is the 20% darker color. If you saturate the color by 10%, you get $33.5857, 0.4173, 0.4187$, and if you desaturate by 10%, it is $38.8738, 0.3749, 0.3873$.

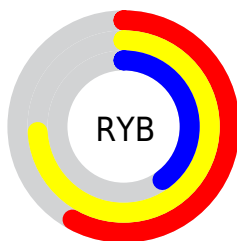
Distribution



Red (74%)

Green (62%)

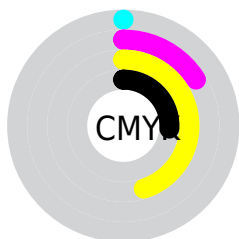
Blue (40%)



Red (58%)

Yellow (74%)

Blue (40%)

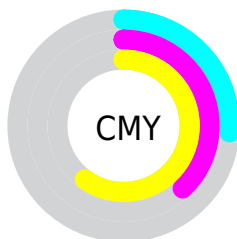


Cyan (0%)

Magenta (16%)

Yellow (45%)

Black (26%)



Cyan (26%)


Magenta (38%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1244, 0.3958, 0.4037 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 36.1244, 0.3958, 0.4037 by changing the saturation by 10% instead.


 36.1244, 0.3958,
0.4037


 36.1244, 0.3958,
0.4037


329.5039, 0.3531,
0.3661


 24.5303, 0.4065,
0.4128


 69.2240, 0.3802,
0.3901

 15.7275, 0.4200,
0.4242


 91.4983, 0.3744,
0.3850

 9.3315, 0.4374,
0.4384


 118.1015, 0.3694,
0.3806

 4.9580, 0.4600,
0.4558

 149.4179, 0.3652,
0.3769

 2.2227, 0.5068,
0.4932

185.8320, 0.3616,
0.3736

 0.7323, 0.5178,
0.4822

227.7281, 0.3584,

 0.0000, 0.0000,

0.3708

0.0000


275.4906, 0.3556,
0.3683

 36.1244, 0.3958,
0.4037


 36.1244, 0.3958,
0.4037


 33.5857, 0.4173,
0.4187

 38.8738, 0.3749,
0.3873


 31.2449, 0.4388,
0.4312


 41.8359, 0.3553,
0.3703


 29.0953, 0.4591,
0.4401


 45.0189, 0.3371,
0.3534


 27.1274, 0.4772,
0.4444


 48.4293, 0.3206,
0.3372


 25.3299, 0.4922,
0.4436


 52.0728, 0.3058,
0.3217

 24.5193, 0.4988,
0.4422

 55.9552, 0.2926,
0.3073

 60.0819, 0.2808,
0.2940

 64.4580, 0.2704,
0.2817

 67.9288, 0.2702,
0.2877

Harmonies

Analogous

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



36.1244, 0.4130, 0.3700



36.1244, 0.3958, 0.4037



36.1244, 0.3565, 0.4200

Triad

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



36.1244, 0.3958, 0.4037



36.1244, 0.2313, 0.3176



36.1244, 0.3118, 0.2644

Complementary

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



36.1244, 0.3958, 0.4037



23.2997, 0.2372, 0.2396

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.



36.1244, 0.2650, 0.2500



36.1244, 0.3958, 0.4037



36.1244, 0.2215, 0.2762

Square

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



36.1244, 0.3958, 0.4037



36.1244, 0.2618, 0.3680



36.1244, 0.2333, 0.2533



36.1244, 0.3626, 0.2929

Rectangle

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



36.1244, 0.3958, 0.4037



36.1244, 0.3239, 0.4154



36.1244, 0.2333, 0.2533



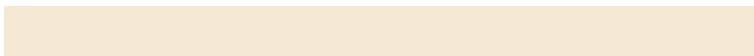
36.1244, 0.2950, 0.2578

Sweetspot

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



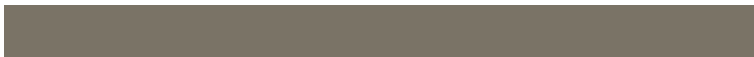
36.1261, 0.3958, 0.4037



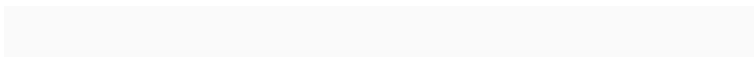
82.1626, 0.3354, 0.3518



22.1231, 0.3867, 0.2860



17.3914, 0.3392, 0.3554



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



36.1261, 0.3958, 0.4037



61.0021, 0.4166, 0.4183



46.2624, 0.3684, 0.4427



10.5380, 0.3273, 0.3438



16.8349, 0.4975, 0.4432



0.7782, 0.4743, 0.4616

Inverse Universe

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



23.2997, 0.2372, 0.2396



34.9613, 0.2205, 0.2162



16.9357, 0.2388, 0.1933



9.7618, 0.2984, 0.3137



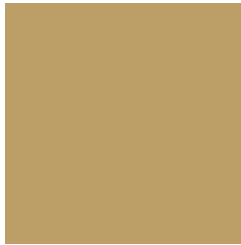
5.2841, 0.1653, 0.1152



0.3317, 0.1793, 0.1654

Previews

White Background



This preview shows how the Yxy color 36.1244, 0.3958, 0.4037 looks on a white background.

Color Contrast Check

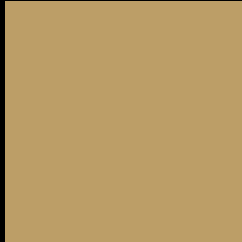
Large Text (above 18pt) WCAG AA × Fail

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 36.1244, 0.3958, 0.4037 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 36.1244, 0.3958, 0.4037

Background



This preview shows how black text looks on a background with the Yxy color 36.1244, 0.3958, 0.4037.



This preview shows how white text looks on a background with the Yxy color 36.1244, 0.3958, 0.4037.

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

36.1244, 0.3958, 0.4037

Protanopia

36.0907, 0.3791, 0.4099

Deuteranopia

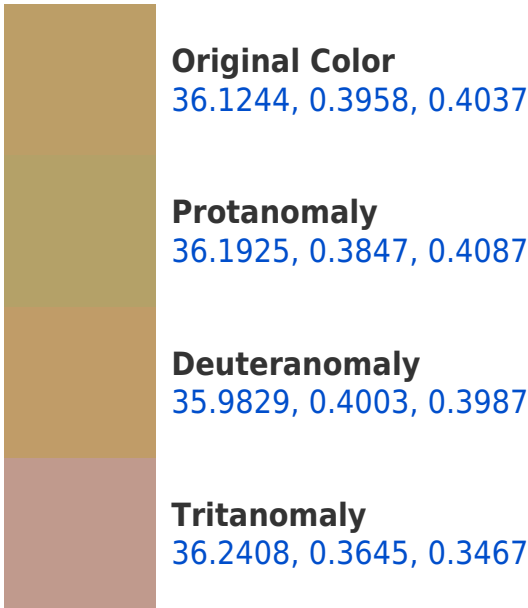
36.0443, 0.4041, 0.3966



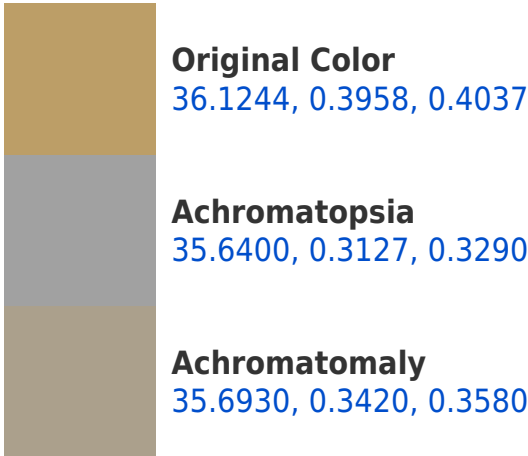
Tritanopia

36.2112, 0.3460, 0.3146

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1244, 0.3958, 0.4037 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(188, 158, 103)` looks like.

```
.text, #text, p{  
    color:rgb(188, 158, 103)  
}
```

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(188, 158, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 158, 103) }
```

Border

The CSS property to change the border of an element to Yxy 36.1244, 0.3958, 0.4037 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(188, 158, 103) }
```

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

```
.border{ border-color:rgb(188, 158, 103) }
```

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

Here you see how a box with a 4 pixel rgb(188, 158, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 158, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 158, 103);  
box-shadow:4px 4px 4px 4px rgb(188, 158,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1244, 0.3958, 0.4037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 158, 103) }
```

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

```
.background{ background-color: rgb(188,  
158, 103) }
```

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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