

Converting Colors

$Yxy(39.0172, 0.3764, 0.3920)$

Have a look what the booklet for
Yxy(39.0172, 0.3764, 0.3920)
contains.

Yxy(38.8070, 0.3763, 0.3917)	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(38.8070, 0.3763, 0.3917)

Conversions

Conversions Part 1

Format	Color
Hex	BBA577
RGB	187, 165, 119
RGB Percent	73%, 65%, 47%
CMY	0.2666, 0.3529, 0.5332
CMYK	0.00, 0.12, 0.36, 0.27
HSL	41°, 33%, 60%
HSV	41°, 36%, 73%
XYZ	37.2813, 38.8070, 22.9850
YIQ	166.3340, 27.8780, -9.6420

Conversions

Conversions Part 2

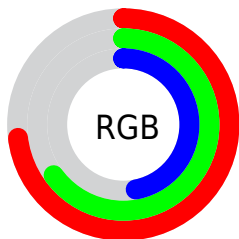
Format	Color
R_{YB}	152, 187, 119
Decimal	12297591
CIE _{Lab}	68.61, 1.30, 26.80
CIE _{LCh}	69, 26.828, 87.219
Yxy	38.8070, 0.3763, 0.3917
Android (android.graphics.Color)	4290487671 (0xFFBBA577)
YUV	166.3340, -23.3357, 18.1241
Hunter-Lab	62.2953, -2.1915, 21.7305

Details

The Yxy color **38.8070, 0.3763, 0.3917** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.5713, 0.2524, 0.2568**, and the grayscale version is **38.4105, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3981, 0.3641, 0.3798**, and **17.2390, 0.3957, 0.4088** is the 20% darker color. If you saturate the color by 10%, you get **36.2700, 0.3966, 0.4087**, and if you desaturate by 10%, it is **41.5394, 0.3569, 0.3741**.

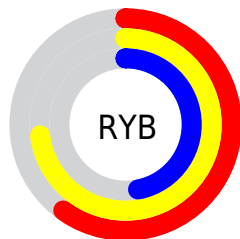
Distribution



Red (73%)

Green (65%)

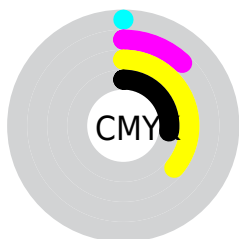
Blue (47%)



Red (60%)

Yellow (73%)

Blue (47%)

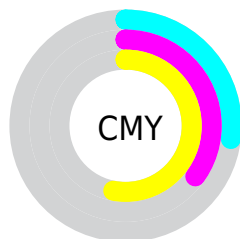


Cyan (0%)

Magenta (12%)

Yellow (36%)

Black (27%)



Cyan (27%)


Magenta (35%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8070, 0.3763, 0.3917 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 38.8070, 0.3763, 0.3917 by changing the saturation by 10% instead.


 38.8070, 0.3763,
0.3917

 38.8070, 0.3763,
0.3917


341.0692, 0.3438,
0.3599


 26.6096, 0.3845,
0.3996


 73.3434, 0.3644,
0.3801

 17.2803, 0.3949,
0.4097


 96.4512, 0.3600,
0.3758

 10.4345, 0.4086,
0.4228


 123.9646, 0.3562,
0.3721

 5.6880, 0.4271,
0.4403

156.2680, 0.3530,
0.3689

 2.6563, 0.4613,
0.4728

193.7457, 0.3503,
0.3662

 0.9550, 0.4964,
0.5036

236.7823, 0.3479,

 0.0000, 0.0000,

0.3638

0.0000

285.7620, 0.3457,
0.3618

■ 38.8070, 0.3763,
0.3917

■ 38.8070, 0.3763,
0.3917

■ 36.2700, 0.3966,
0.4087

■ 41.5394, 0.3569,
0.3741

■ 33.9165, 0.4173,
0.4240

■ 44.4679, 0.3389,
0.3565

■ 31.7409, 0.4375,
0.4367

■ 47.6003, 0.3224,
0.3394

■ 29.7354, 0.4563,
0.4457

■ 50.9419, 0.3074,
0.3232

■ 27.8909, 0.4728,
0.4500

■ 54.4980, 0.2940,
0.3080

■ 26.1960, 0.4862,
0.4494

■ 58.2736, 0.2820,
0.2939

■ 25.6077, 0.4907,
0.4485

■ 62.2735, 0.2713,
0.2809

■ 65.5930, 0.2692,
0.2827

■ 68.7041, 0.2698,
0.2896

Harmonies

Analogous

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



38.8070, 0.3919, 0.3668



38.8070, 0.3763, 0.3917



38.8070, 0.3438, 0.4008

Triad

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



38.8070, 0.3763, 0.3917



38.8070, 0.2453, 0.3161



38.8070, 0.3174, 0.2789

Complementary

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



38.8070, 0.3763, 0.3917



26.5713, 0.2524, 0.2568

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.



38.8070, 0.2788, 0.2656



38.8070, 0.3763, 0.3917



38.8070, 0.2392, 0.2843

Square

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



38.8070, 0.3763, 0.3917



38.8070, 0.2685, 0.3551



38.8070, 0.2510, 0.2669



38.8070, 0.3569, 0.3036

Rectangle

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



38.8070, 0.3763, 0.3917



38.8070, 0.3175, 0.3946



38.8070, 0.2510, 0.2669



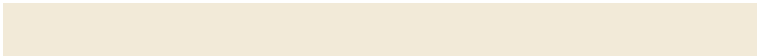
38.8070, 0.3038, 0.2730

Sweetspot

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



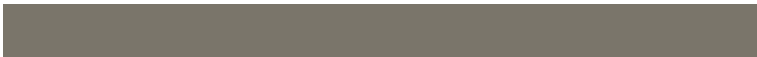
38.8088, 0.3763, 0.3917



82.4902, 0.3302, 0.3476



25.7087, 0.3698, 0.2975



17.9982, 0.3324, 0.3499



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.



38.8088, 0.3763, 0.3917



65.6759, 0.3932, 0.4060



46.0701, 0.3562, 0.4215



10.5856, 0.3272, 0.3445



17.7774, 0.4897, 0.4494



0.8103, 0.4690, 0.4658

Inverse Universe

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



26.5713, 0.2524, 0.2568



40.4438, 0.2374, 0.2367



21.5612, 0.2579, 0.2240



9.7162, 0.2984, 0.3130



4.8557, 0.1632, 0.1075



0.3119, 0.1773, 0.1581

Previews

White Background



This preview shows how the Yxy color 38.8070, 0.3763, 0.3917 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 38.8070, 0.3763, 0.3917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

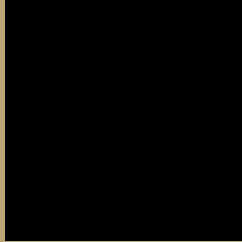
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8070, 0.3763, 0.3917

Background



This preview shows how black text looks on a background with the Yxy color 38.8070, 0.3763, 0.3917.



This preview shows how white text looks on a background with the Yxy color 38.8070, 0.3763, 0.3917.

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

38.8070, 0.3763, 0.3917

Protanopia

38.6968, 0.3674, 0.3946

Deuteranopia

38.6398, 0.3901, 0.3814



Tritanopia

38.7315, 0.3349, 0.3121

Trichromacy



Original Color

38.8070, 0.3763, 0.3917

Protanomaly

38.6958, 0.3709, 0.3926

Deuteranomaly

38.7988, 0.3850, 0.3848

Tritanomaly

38.8331, 0.3505, 0.3412

Monochromacy



Original Color

38.8070, 0.3763, 0.3917

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.4410, 0.3354, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8070, 0.3763, 0.3917 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(187, 165, 119)` looks like.

```
.text, #text, p{  
    color:rgb(187, 165, 119)  
}
```

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(187, 165, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 165, 119) }
```

Border

The CSS property to change the border of an element to Yxy 38.8070, 0.3763, 0.3917 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(187, 165, 119) }
```

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

```
.border{ border-color:rgb(187, 165, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 165, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 165, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 165, 119); box-shadow:4px 4px 4px 4px rgb(187, 165, 119) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8070, 0.3763, 0.3917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 165, 119) }
```

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

```
.background{ background-color: rgb(187,  
165, 119) }
```

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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