

Converting Colors

$Yxy(38.2661, 0.3608, 0.3587)$

Have a look what the booklet for
Yxy(38.2661, 0.3608, 0.3587)
contains.

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Color

Yxy(38.1726, 0.3610, 0.3590)

Conversions

Conversions Part 1

Format	Color
Hex	BDA18B
RGB	189, 161, 139
RGB Percent	74%, 63%, 55%
CMY	0.2590, 0.3686, 0.4549
CMYK	0.00, 0.15, 0.26, 0.26
HSL	26°, 27%, 64%
HSV	26°, 26%, 74%
XYZ	38.3853, 38.1726, 29.7725
YIQ	166.8640, 23.7500, -0.9060

Conversions

Conversions Part 2

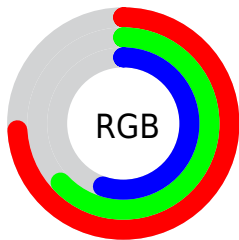
Format	Color
RYB	189, 178, 139
Decimal	12427659
CIELab	68.15, 6.88, 15.27
CIELCh	68, 16.747, 65.753
Yxy	38.1726, 0.3610, 0.3590
Android (android.graphics.Color)	4290617739 (0xFFBDA18B)
YUV	166.8640, -13.7370, 19.4133
Hunter-Lab	61.7840, 2.7768, 14.6781

Details

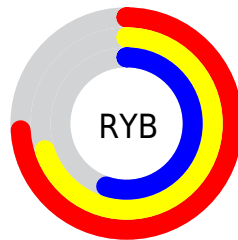
The Yxy color **38.1726, 0.3610, 0.3590** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.7828, 0.2716, 0.2969**, and the grayscale version is **38.6329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.5548, 0.3515, 0.3532**, and **17.0240, 0.3759, 0.3684** is the 20% darker color. If you saturate the color by 10%, you get **34.1284, 0.3842, 0.3709**, and if you desaturate by 10%, it is **42.6282, 0.3406, 0.3472**.

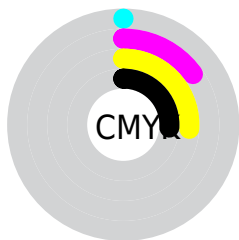
Distribution



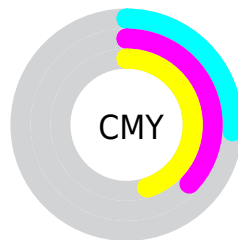
- Red (74%)
- Green (63%)
- Blue (55%)



- Red (74%)
- Yellow (70%)
- Blue (55%)



- Cyan (0%)
- Magenta (15%)
- Yellow (26%)
- Black (26%)




- Cyan (26%)
- Magenta (37%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1726, 0.3610, 0.3590 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 38.1726, 0.3610, 0.3590 by changing the saturation by 10% instead.


 38.1726, 0.3610,
0.3590


 38.1726, 0.3610,
0.3590


338.3598, 0.3359,
0.3439


 26.1167, 0.3675,
0.3628

 72.3726, 0.3517,
0.3535

 16.9109, 0.3761,
0.3676


 95.2855, 0.3482,
0.3514

 10.1710, 0.3878,
0.3739


 122.5861, 0.3454,
0.3497

 5.5125, 0.4046,
0.3826

154.6590, 0.3429,
0.3482

 2.5510, 0.4304,
0.3949

191.8883, 0.3408,
0.3469

 0.9021, 0.5352,
0.4648

234.6587, 0.3390,

 0.0000, 0.0000,

0.3458

0.0000

283.3544, 0.3374,
0.3448

■ 38.1726, 0.3610,
0.3590

■ 38.1726, 0.3610,
0.3590

■ 34.1284, 0.3842,
0.3709

■ 42.6282, 0.3406,
0.3472

■ 30.4777, 0.4102,
0.3824

■ 47.5019, 0.3229,
0.3359

■ 27.2090, 0.4387,
0.3926

■ 52.8070, 0.3075,
0.3253

■ 24.3080, 0.4686,
0.4004

■ 58.5543, 0.2943,
0.3155

■ 21.7594, 0.4985,
0.4044

■ 64.7544, 0.2828,
0.3064

■ 19.5462, 0.5264,
0.4037

■ 71.4175, 0.2729,
0.2981

■ 17.6486, 0.5503,
0.3976

■ 77.4599, 0.2726,
0.3072

■ 17.0400, 0.5583,
0.3949

■ 83.6947, 0.2737,
0.3188

■ 89.5545, 0.2747,
0.3289

Harmonies

Analogous

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



38.1726, 0.3605, 0.3396



38.1726, 0.3610, 0.3590



38.1726, 0.3481, 0.3714

Triad

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



38.1726, 0.3610, 0.3590



38.1726, 0.2796, 0.3387



38.1726, 0.2981, 0.2895

Complementary

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



38.1726, 0.3610, 0.3590



36.7828, 0.2716, 0.2969

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.



38.1726, 0.2775, 0.2880



38.1726, 0.3610, 0.3590



38.1726, 0.2672, 0.3153

Square

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



38.1726, 0.3610, 0.3590



38.1726, 0.3009, 0.3602



38.1726, 0.2665, 0.2970



38.1726, 0.3233, 0.3006

Rectangle

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



38.1726, 0.3610, 0.3590



38.1726, 0.3340, 0.3735



38.1726, 0.2665, 0.2970



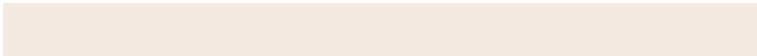
38.1726, 0.2904, 0.2879

Sweetspot

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



38.1743, 0.3610, 0.3590



83.5816, 0.3257, 0.3378



32.0830, 0.3376, 0.2910



17.6840, 0.3283, 0.3395



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.



38.1743, 0.3610, 0.3590



63.9093, 0.3748, 0.3663



47.6431, 0.3531, 0.3901



10.2095, 0.3278, 0.3391



11.6165, 0.5561, 0.3966



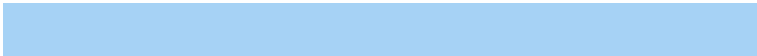
0.5854, 0.5153, 0.4290

Inverse Universe

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



36.7828, 0.2716, 0.2969



60.9726, 0.2620, 0.2884



28.6082, 0.2681, 0.2595



10.0867, 0.2984, 0.3186



9.5248, 0.1833, 0.1799



0.5014, 0.1942, 0.2191

Previews

White Background



This preview shows how the Yxy color 38.1726, 0.3610, 0.3590 looks on a white background.

Color Contrast Check

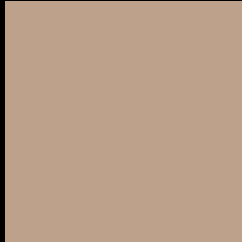
Large Text (above 18pt) WCAG AA × Fail

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 38.1726, 0.3610, 0.3590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

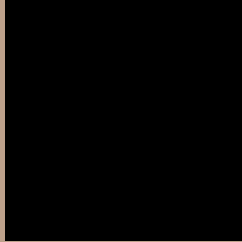
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1726, 0.3610, 0.3590

Background



This preview shows how black text looks on a background with the Yxy color 38.1726, 0.3610, 0.3590.



This preview shows how white text looks on a background with the Yxy color 38.1726, 0.3610, 0.3590.

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

38.1726, 0.3610, 0.3590

Protanopia

38.3095, 0.3436, 0.3644

Deuteranopia

38.2122, 0.3644, 0.3574



Tritanopia

38.1850, 0.3360, 0.3133

Trichromacy



Original Color

38.1726, 0.3610, 0.3590

Protanomaly

38.1477, 0.3501, 0.3626

Deuteranomaly

38.0821, 0.3634, 0.3575

Tritanomaly

37.9987, 0.3454, 0.3291

Monochromacy



Original Color

38.1726, 0.3610, 0.3590

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.4585, 0.3293, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1726, 0.3610, 0.3590 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(189, 161, 139)` looks like.

```
.text, #text, p{  
    color:rgb(189, 161, 139)  
}
```

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(189, 161, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 161, 139) }
```

Border

The CSS property to change the border of an element to Yxy 38.1726, 0.3610, 0.3590 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(189, 161, 139) }
```

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

```
.border{ border-color:rgb(189, 161, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 161, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 161, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 161, 139);  
box-shadow:4px 4px 4px 4px rgb(189, 161,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1726, 0.3610, 0.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 161, 139) }
```

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

```
.background{ background-color: rgb(189,  
161, 139) }
```

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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