

Converting Colors

$Yxy(38.9396, 0.3714, 0.3759)$

Have a look what the booklet for
Yxy(38.9396, 0.3714, 0.3759)
contains.

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Color

Yxy(38.7265, 0.3709, 0.3751)

Conversions

Conversions Part 1

Format	Color
Hex	BEA381
RGB	190, 163, 129
RGB Percent	75%, 64%, 51%
CMY	0.2549, 0.3608, 0.4941
CMYK	0.00, 0.14, 0.32, 0.25
HSL	33°, 32%, 63%
HSV	33°, 32%, 75%
XYZ	38.2929, 38.7265, 26.2238
YIQ	167.1970, 27.0060, -4.8500

Conversions

Conversions Part 2

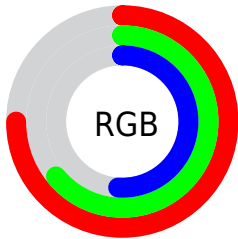
Format	Color
RYB	177, 190, 129
Decimal	12493697
CIELab	68.55, 4.84, 21.35
CIElCh	69, 21.887, 77.237
Yxy	38.7265, 0.3709, 0.3751
Android (android.graphics.Color)	4290683777 (0xFFBEA381)
YUV	167.1970, -18.8311, 19.9982
Hunter-Lab	62.2306, 0.9343, 18.5768

Details

The Yxy color **38.7265, 0.3709, 0.3751** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.1540, 0.2613, 0.2779**, and the grayscale version is **38.8286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2944, 0.3598, 0.3669**, and **17.1676, 0.3901, 0.3882** is the 20% darker color. If you saturate the color by 10%, you get **35.3827, 0.3933, 0.3897**, and if you desaturate by 10%, it is **42.3661, 0.3505, 0.3602**.

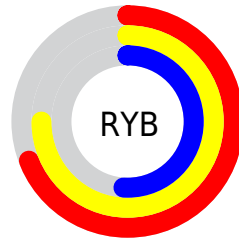
Distribution



Red (75%)

Green (64%)

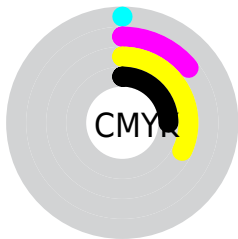
Blue (51%)



Red (69%)

Yellow (75%)

Blue (51%)

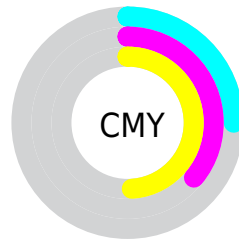


Cyan (0%)

Magenta (14%)

Yellow (32%)

Black (25%)



Cyan (25%)

Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7265, 0.3709, 0.3751 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 38.7265, 0.3709, 0.3751 by changing the saturation by 10% instead.


 38.7265, 0.3709,
0.3751


 38.7265, 0.3709,
0.3751


340.7263, 0.3409,
0.3519


 26.5470, 0.3786,
0.3809


 73.2203, 0.3598,
0.3666

 17.2333, 0.3886,
0.3882


 96.3035, 0.3557,
0.3635

 10.4010, 0.4020,
0.3979


 123.7899, 0.3523,
0.3608

 5.6656, 0.4207,
0.4108

156.0641, 0.3493,
0.3585

 2.6428, 0.4494,
0.4296

193.5105, 0.3468,
0.3565

 0.9483, 0.5208,
0.4792

236.5134, 0.3446,

 0.0000, 0.0000,

0.3548


0.0000


285.4572, 0.3426,
0.3532


 38.7265, 0.3709,
0.3751


 38.7265, 0.3709,
0.3751


 35.3827, 0.3933,
0.3897

 42.3661, 0.3505,
0.3602


 32.3205, 0.4172,
0.4034

 46.3049, 0.3322,
0.3457

 29.5319, 0.4421,
0.4150

 50.5525, 0.3159,
0.3318

 27.0064, 0.4668,
0.4233

 55.1169, 0.3015,
0.3188

 24.7326, 0.4899,
0.4273

 60.0054, 0.2889,
0.3067

■ 22.6973, 0.5101,
0.4260

■ 65.2251, 0.2778,
0.2956

■ 21.2425, 0.5241,
0.4220

■ 70.3244, 0.2719,
0.2925

■ 74.8968, 0.2727,
0.3019

■ 79.6948, 0.2736,
0.3113

Harmonies

Analogous

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



38.7265, 0.3775, 0.3523



38.7265, 0.3709, 0.3751



38.7265, 0.3484, 0.3868

Triad

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



38.7265, 0.3709, 0.3751



38.7265, 0.2622, 0.3293



38.7265, 0.3057, 0.2826

Complementary

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



38.7265, 0.3709, 0.3751



32.1540, 0.2613, 0.2779

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.



38.7265, 0.2761, 0.2755



38.7265, 0.3709, 0.3751



38.7265, 0.2520, 0.3004

Square

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



38.7265, 0.3709, 0.3751



38.7265, 0.2856, 0.3601



38.7265, 0.2570, 0.2814



38.7265, 0.3388, 0.3005

Rectangle

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



38.7265, 0.3709, 0.3751



38.7265, 0.3279, 0.3855



38.7265, 0.2570, 0.2814



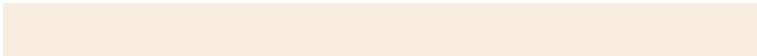
38.7265, 0.2950, 0.2789

Sweetspot

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



38.7283, 0.3709, 0.3751



85.3709, 0.3288, 0.3429



29.0609, 0.3527, 0.2918



18.5127, 0.3313, 0.3450



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



38.7283, 0.3709, 0.3751



65.5761, 0.3876, 0.3862



48.9653, 0.3578, 0.4088



10.3948, 0.3275, 0.3418



14.2851, 0.5224, 0.4234



0.6880, 0.4914, 0.4480

Inverse Universe

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



32.1540, 0.2613, 0.2779



51.6922, 0.2487, 0.2635



24.3261, 0.2589, 0.2362



9.9013, 0.2984, 0.3159



6.8448, 0.1726, 0.1412



0.3986, 0.1857, 0.1883

Previews

White Background



This preview shows how the Yxy color 38.7265, 0.3709, 0.3751 looks on a white background.

Color Contrast Check

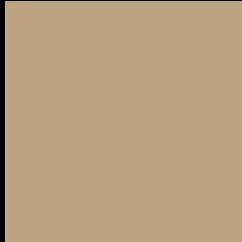
Large Text (above 18pt) WCAG AA × Fail

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 38.7265, 0.3709, 0.3751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

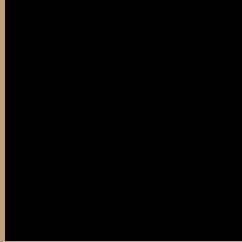
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

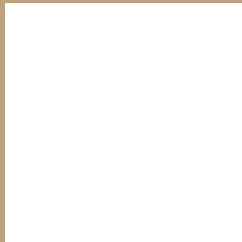
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.7265, 0.3709, 0.3751

Background



This preview shows how black text looks on a background with the Yxy color 38.7265, 0.3709, 0.3751.



This preview shows how white text looks on a background with the Yxy color 38.7265, 0.3709, 0.3751.

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

38.7265, 0.3709, 0.3751

Protanopia

38.7411, 0.3555, 0.3796

Deuteranopia

38.8105, 0.3779, 0.3715



Tritanopia

38.6183, 0.3380, 0.3122

Trichromacy



Original Color

38.7265, 0.3709, 0.3751

Protanomaly

38.8292, 0.3607, 0.3790

Deuteranomaly

38.8950, 0.3754, 0.3731

Tritanomaly

38.5003, 0.3501, 0.3344

Monochromacy



Original Color

38.7265, 0.3709, 0.3751

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.6863, 0.3327, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7265, 0.3709, 0.3751 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(190, 163, 129)` looks like.

```
.text, #text, p{  
    color:rgb(190, 163, 129)  
}
```

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(190, 163, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 163, 129) }
```

Border

The CSS property to change the border of an element to Yxy 38.7265, 0.3709, 0.3751 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(190, 163, 129) }
```

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

```
.border{ border-color:rgb(190, 163, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 163, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 163, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 163, 129);  
box-shadow:4px 4px 4px 4px rgb(190, 163,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7265, 0.3709, 0.3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 163, 129) }
```

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

```
.background{ background-color: rgb(190,  
163, 129) }
```

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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