

Converting Colors

$Y_{xy}(40.1243, 0.3709, 0.3792)$

Have a look what the booklet for
Yxy(40.1243, 0.3709, 0.3792)
contains.

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Color

Yxy(39.9338, 0.3707, 0.3788)

Conversions

Conversions Part 1

Format	Color
Hex	BFA681
RGB	191, 166, 129
RGB Percent	75%, 65%, 51%
CMY	0.2510, 0.3490, 0.4942
CMYK	0.00, 0.13, 0.32, 0.25
HSL	36°, 33%, 63%
HSV	36°, 32%, 75%
XYZ	39.0799, 39.9338, 26.4082
YIQ	169.2570, 26.7770, -6.2070

Conversions

Conversions Part 2

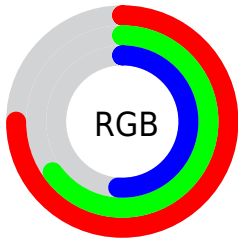
Format	Color
RYB	171, 191, 129
Decimal	12560001
CIELab	69.42, 3.60, 22.55
CIELCh	69, 22.840, 80.933
Yxy	39.9338, 0.3707, 0.3788
Android (android.graphics.Color)	4290750081 (0xFFBFA681)
YUV	169.2570, -19.8467, 19.0686
Hunter-Lab	63.1932, -0.2003, 19.4582

Details

The Yxy color **39.9338, 0.3707, 0.3788** is a light color, and the websafe version is hex **999966**. A complement of this color would be **31.5192, 0.2602, 0.2734**, and the grayscale version is **39.8995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0468, 0.3597, 0.3698**, and **17.9175, 0.3893, 0.3931** is the 20% darker color. If you saturate the color by 10%, you get **36.7611, 0.3923, 0.3944**, and if you desaturate by 10%, it is **43.3723, 0.3507, 0.3630**.

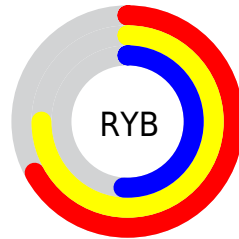
Distribution



Red (75%)

Green (65%)

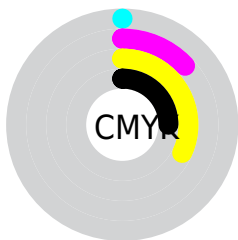
Blue (51%)



Red (67%)

Yellow (75%)

Blue (51%)

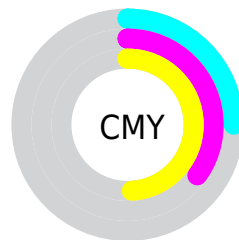


Cyan (0%)

Magenta (13%)

Yellow (32%)

Black (25%)



Cyan (25%)


Magenta (35%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9338, 0.3707, 0.3788 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 39.9338, 0.3707, 0.3788 by changing the saturation by 10% instead.


 39.9338, 0.3707,
0.3788


 39.9338, 0.3707,
0.3788


345.8445, 0.3410,
0.3537


 27.4869, 0.3782,
0.3850


 75.0627, 0.3598,
0.3697

 17.9393, 0.3880,
0.3929


 98.5135, 0.3557,
0.3663

 10.9064, 0.4009,
0.4033


 126.4011, 0.3523,
0.3634

 6.0039, 0.4188,
0.4172

159.1099, 0.3494,
0.3609

 2.8475, 0.4455,
0.4371

197.0242, 0.3469,
0.3587

 1.0526, 0.5115,
0.4885

240.5285, 0.3447,

 0.0000, 1.0000,

0.3569

0.0000

290.0071, 0.3427,
0.3552

0.0000, 0.0000,
0.0000

39.9338, 0.3707,
0.3788

39.9338, 0.3707,
0.3788

36.7611, 0.3923,
0.3944

43.3723, 0.3507,
0.3630

33.8405, 0.4152,
0.4088

47.0789, 0.3326,
0.3474

31.1651, 0.4386,
0.4211

51.0626, 0.3164,
0.3325

28.7252, 0.4614,
0.4302

55.3304, 0.3020,
0.3185

26.5104, 0.4826,
0.4348

59.8891, 0.2893,
0.3055

■ 24.5084, 0.5008,
0.4342

■ 64.7449, 0.2780,
0.2935

■ 23.1259, 0.5127,
0.4311

■ 69.4006, 0.2723,
0.2903

■ 73.5272, 0.2730,
0.2990

■ 77.8420, 0.2738,
0.3075

Harmonies

Analogous

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



39.9338, 0.3798, 0.3562



39.9338, 0.3707, 0.3788



39.9338, 0.3458, 0.3892

Triad

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



39.9338, 0.3707, 0.3788



39.9338, 0.2585, 0.3252



39.9338, 0.3096, 0.2829

Complementary

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



39.9338, 0.3707, 0.3788



31.5192, 0.2602, 0.2734

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.



39.9338, 0.2782, 0.2741



39.9338, 0.3707, 0.3788



39.9338, 0.2499, 0.2963

Square

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



39.9338, 0.3707, 0.3788



39.9338, 0.2811, 0.3575



39.9338, 0.2569, 0.2784



39.9338, 0.3436, 0.3024

Rectangle

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



39.9338, 0.3707, 0.3788



39.9338, 0.3242, 0.3863



39.9338, 0.2569, 0.2784



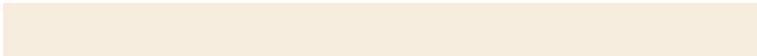
39.9338, 0.2984, 0.2786

Sweetspot

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



39.9356, 0.3707, 0.3788



85.9390, 0.3287, 0.3439



29.1285, 0.3557, 0.2941



18.6538, 0.3311, 0.3461



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.



39.9356, 0.3707, 0.3788



67.4263, 0.3860, 0.3900



49.2543, 0.3564, 0.4103



10.4583, 0.3274, 0.3427



15.3622, 0.5111, 0.4323



0.7268, 0.4836, 0.4542

Inverse Universe

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



31.5192, 0.2602, 0.2734



50.0150, 0.2479, 0.2587



24.5350, 0.2600, 0.2354



9.8391, 0.2984, 0.3149



6.1012, 0.1692, 0.1291



0.3677, 0.1828, 0.1780

Previews

White Background



This preview shows how the Yxy color 39.9338, 0.3707, 0.3788 looks on a white background.

Color Contrast Check

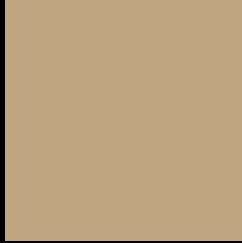
Large Text (above 18pt) WCAG AA × Fail

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 39.9338, 0.3707, 0.3788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

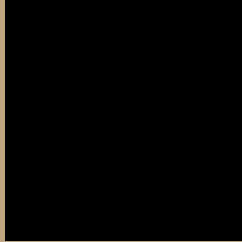
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9338, 0.3707, 0.3788

Background



This preview shows how black text looks on a background with the Yxy color 39.9338, 0.3707, 0.3788.



This preview shows how white text looks on a background with the Yxy color 39.9338, 0.3707, 0.3788.

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

39.9338, 0.3707, 0.3788

Protanopia

39.8384, 0.3578, 0.3817

Deuteranopia

39.9482, 0.3791, 0.3723



Tritanopia

39.8945, 0.3356, 0.3123

Trichromacy



Original Color

39.9338, 0.3707, 0.3788

Protanomaly

39.9313, 0.3630, 0.3811

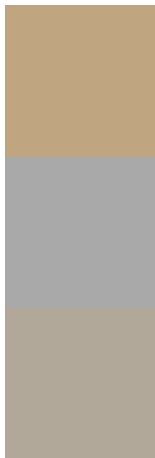
Deuteranomaly

39.8984, 0.3756, 0.3740

Tritanomaly

39.7443, 0.3484, 0.3357

Monochromacy



Original Color

39.9338, 0.3707, 0.3788

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.6855, 0.3334, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9338, 0.3707, 0.3788 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(191, 166, 129)` looks like.

```
.text, #text, p{  
    color:rgb(191, 166, 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(191, 166, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 166, 129) }
```

Border

The CSS property to change the border of an element to Yxy 39.9338, 0.3707, 0.3788 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(191, 166, 129) }
```

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

```
.border{ border-color:rgb(191, 166, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 166, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 166, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 166, 129); box-shadow:4px 4px 4px 4px rgb(191, 166, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9338, 0.3707, 0.3788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 166, 129) }
```

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

```
.background{ background-color: rgb(191,  
166, 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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