

Converting Colors

$Yxy(38.5989, 0.3566, 0.3716)$

Have a look what the booklet for
Yxy(38.5989, 0.3566, 0.3716)
contains.

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Color

Yxy(38.5766, 0.3574, 0.3721)

Conversions

Conversions Part 1

Format	Color
Hex	B6A586
RGB	182, 165, 134
RGB Percent	71%, 65%, 53%
CMY	0.2862, 0.3529, 0.4745
CMYK	0.00, 0.09, 0.26, 0.29
HSL	39°, 25%, 62%
HSV	39°, 26%, 71%
XYZ	37.0526, 38.5766, 28.0435
YIQ	166.5490, 20.0830, -6.0370

Conversions

Conversions Part 2

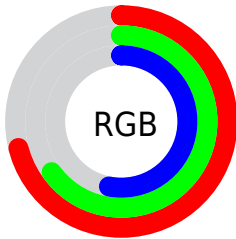
Format	Color
R _Y B	160, 182, 134
Decimal	11969926
CIE Lab	68.44, 1.28, 18.34
CIE LCh	68, 18.388, 86.023
Yxy	38.5766, 0.3574, 0.3721
Android (android.graphics.Color)	4290160006 (0xFFB6A586)
YUV	166.5490, -16.0467, 13.5505
Hunter-Lab	62.1101, -2.2060, 16.7069

Details

The Yxy color **38.5766, 0.3574, 0.3721** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.5832, 0.2703, 0.2817**, and the grayscale version is **38.4866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9514, 0.3488, 0.3644**, and **17.0395, 0.3707, 0.3850** is the 20% darker color. If you saturate the color by 10%, you get **35.8446, 0.3772, 0.3890**, and if you desaturate by 10%, it is **41.5169, 0.3391, 0.3553**.

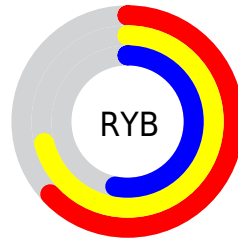
Distribution



Red (71%)

Green (65%)

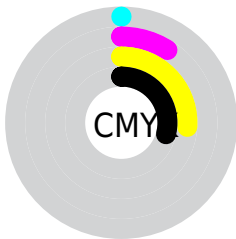
Blue (53%)



Red (63%)

Yellow (71%)

Blue (53%)

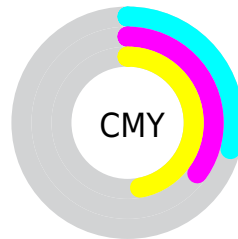


Cyan (0%)

Magenta (9%)

Yellow (26%)

Black (29%)



Cyan (29%)


Magenta (35%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5766, 0.3574, 0.3721 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 38.5766, 0.3574, 0.3721 by changing the saturation by 10% instead.

 38.5766, 0.3574,
0.3721


 38.5766, 0.3574,
0.3721


340.0870, 0.3344,
0.3500

 26.4305, 0.3633,
0.3777


 72.9911, 0.3489,
0.3640

 17.1460, 0.3710,
0.3850


 96.0282, 0.3458,
0.3610

 10.3386, 0.3814,
0.3948


 123.4645, 0.3431,
0.3584

 5.6241, 0.3960,
0.4084

155.6844, 0.3408,
0.3563

 2.6179, 0.4177,
0.4284

193.0721, 0.3389,
0.3544

 0.9357, 0.4963,
0.5037

236.0122, 0.3372,

 0.0000, 0.0000,

0.3527

0.0000

284.8891, 0.3357,
0.3513

■ 38.5766, 0.3574,
0.3721

■ 38.5766, 0.3574,
0.3721

■ 35.8446, 0.3772,
0.3890

■ 41.5169, 0.3391,
0.3553

■ 33.3096, 0.3982,
0.4053

■ 44.6660, 0.3225,
0.3390

■ 30.9665, 0.4197,
0.4200

■ 48.0314, 0.3075,
0.3235

■ 28.8082, 0.4411,
0.4321

■ 51.6182, 0.2941,
0.3091

■ 26.8269, 0.4612,
0.4406

■ 55.4315, 0.2822,
0.2957

■ 25.0136, 0.4790,
0.4443

■ 59.4762, 0.2716,
0.2833

■ 23.3570, 0.4938,
0.4431

■ 63.3374, 0.2657,
0.2785

■ 22.7897, 0.4989,
0.4421

■ 66.5904, 0.2665,
0.2860

■ 69.9734, 0.2673,
0.2934

Harmonies

Analogous

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



38.5766, 0.3671, 0.3553



38.5766, 0.3574, 0.3721



38.5766, 0.3357, 0.3777

Triad

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



38.5766, 0.3574, 0.3721



38.5766, 0.2661, 0.3219



38.5766, 0.3152, 0.2932

Complementary

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



38.5766, 0.3574, 0.3721



30.5832, 0.2703, 0.2817

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.



38.5766, 0.2885, 0.2842



38.5766, 0.3574, 0.3721



38.5766, 0.2611, 0.2994

Square

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



38.5766, 0.3574, 0.3721



38.5766, 0.2832, 0.3479



38.5766, 0.2691, 0.2861



38.5766, 0.3422, 0.3106

Rectangle

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



38.5766, 0.3574, 0.3721



38.5766, 0.3177, 0.3735



38.5766, 0.2691, 0.2861



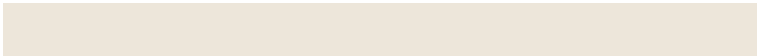
38.5766, 0.3058, 0.2891

Sweetspot

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



38.5783, 0.3574, 0.3721



79.9328, 0.3253, 0.3418



29.2492, 0.3480, 0.3043



17.4615, 0.3277, 0.3442



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



38.5783, 0.3574, 0.3721



66.8320, 0.3694, 0.3825



44.3709, 0.3460, 0.3951



9.9532, 0.3272, 0.3437



16.2187, 0.4977, 0.4430



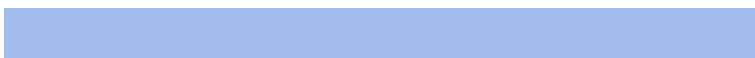
0.6837, 0.4727, 0.4628

Inverse Universe

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



30.5832, 0.2703, 0.2817



49.7611, 0.2597, 0.2688



26.0357, 0.2738, 0.2560



9.2264, 0.2985, 0.3138



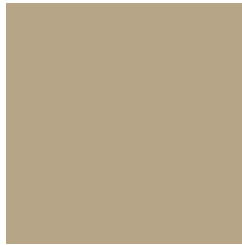
5.1296, 0.1655, 0.1157



0.2999, 0.1807, 0.1703

Previews

White Background



This preview shows how the Yxy color 38.5766, 0.3574, 0.3721 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 38.5766, 0.3574, 0.3721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

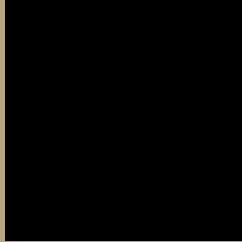
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5766, 0.3574, 0.3721

Background



This preview shows how black text looks on a background with the Yxy color 38.5766, 0.3574, 0.3721.



This preview shows how white text looks on a background with the Yxy color 38.5766, 0.3574, 0.3721.

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

38.5766, 0.3574, 0.3721

Protanopia

38.7338, 0.3508, 0.3741

Deuteranopia

38.3602, 0.3704, 0.3625



Tritanopia

38.6850, 0.3279, 0.3131

Trichromacy



Original Color

38.5766, 0.3574, 0.3721

Protanomaly

38.6054, 0.3531, 0.3725

Deuteranomaly

38.5371, 0.3656, 0.3656

Tritanomaly

38.6236, 0.3386, 0.3345

Monochromacy



Original Color

38.5766, 0.3574, 0.3721

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.4097, 0.3280, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5766, 0.3574, 0.3721 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(182, 165, 134)` looks like.

```
.text, #text, p{  
    color:rgb(182, 165, 134)  
}
```

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(182, 165, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 165, 134) }
```

Border

The CSS property to change the border of an element to Yxy 38.5766, 0.3574, 0.3721 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(182, 165, 134) }
```

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

```
.border{ border-color:rgb(182, 165, 134) }
```

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

Here you see how a box with a 4 pixel rgb(182, 165, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 165, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 165, 134);  
box-shadow:4px 4px 4px 4px rgb(182, 165,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5766, 0.3574, 0.3721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 165, 134) }
```

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

```
.background{ background-color: rgb(182,  
165, 134) }
```

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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