

Converting Colors

Yxy(38.6227, 0.3518, 0.3643)

Have a look what the booklet for
Yxy(38.6227, 0.3518, 0.3643)
contains.

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Color

Yxy(38.5981, 0.3517, 0.3652)

Conversions

Conversions Part 1

Format	Color
Hex	B5A58B
RGB	181, 165, 139
RGB Percent	71%, 65%, 55%
CMY	0.2902, 0.3529, 0.4549
CMYK	0.00, 0.09, 0.23, 0.29
HSL	37°, 22%, 63%
HSV	37°, 23%, 71%
XYZ	37.1713, 38.5981, 29.9209
YIQ	166.8200, 17.8820, -4.6940

Conversions

Conversions Part 2

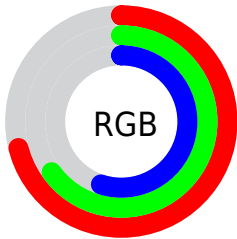
Format	Color
R _Y B	165, 181, 139
Decimal	11904395
CIE Lab	68.46, 1.60, 15.59
CIE LCh	68, 15.673, 84.152
Yxy	38.5981, 0.3517, 0.3652
Android (android.graphics.Color)	4290094475 (0xFFB5A58B)
YUV	166.8200, -13.7153, 12.4359
Hunter-Lab	62.1274, -1.9250, 14.9347

Details

The Yxy color **38.5981, 0.3517, 0.3652** is a light color, and the websafe version is hex **999966**. A complement of this color would be **32.2695, 0.2759, 0.2899**, and the grayscale version is **38.6138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0412, 0.3438, 0.3580**, and **17.1207, 0.3642, 0.3754** is the 20% darker color. If you saturate the color by 10%, you get **35.6933, 0.3714, 0.3815**, and if you desaturate by 10%, it is **41.7280, 0.3337, 0.3492**.

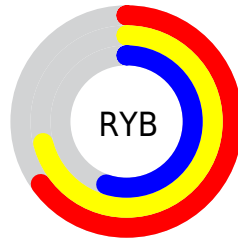
Distribution



Red (71%)

Green (65%)

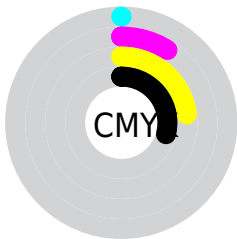
Blue (55%)



Red (65%)

Yellow (71%)

Blue (55%)

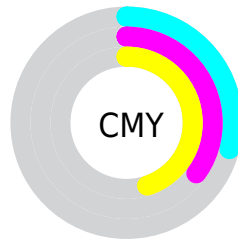


Cyan (0%)

Magenta (9%)

Yellow (23%)

Black (29%)



Cyan (29%)


Magenta (35%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5981, 0.3517, 0.3652 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 38.5981, 0.3517, 0.3652 by changing the saturation by 10% instead.


 38.5981, 0.3517,
0.3652

 38.5981, 0.3517,
0.3652


340.1787, 0.3316,
0.3467

 26.4472, 0.3569,
0.3699


 73.0239, 0.3443,
0.3584

 17.1585, 0.3637,
0.3761


 96.0677, 0.3415,
0.3558

 10.3476, 0.3729,
0.3844


 123.5112, 0.3392,
0.3537

 5.6300, 0.3859,
0.3961

155.7389, 0.3372,
0.3519

 2.6214, 0.4058,
0.4135

193.1350, 0.3355,
0.3503

 0.9375, 0.4986,
0.5014

236.0842, 0.3340,

 0.0000, 0.0000,

0.3489

0.0000

284.9706, 0.3327,
0.3477

■ 38.5981, 0.3517,
0.3652

■ 38.5981, 0.3517,
0.3652

■ 35.6933, 0.3714,
0.3815

■ 41.7280, 0.3337,
0.3492

■ 33.0021, 0.3926,
0.3975

■ 45.0839, 0.3175,
0.3337

■ 30.5193, 0.4148,
0.4122

■ 48.6733, 0.3031,
0.3192

■ 28.2377, 0.4372,
0.4248

■ 52.5017, 0.2902,
0.3057

■ 26.1492, 0.4590,
0.4341

■ 56.5744, 0.2788,
0.2932

■ 24.2450, 0.4789,
0.4389

■ 60.8964, 0.2688,
0.2817

■ 22.5147, 0.4959,
0.4386

■ 64.7636, 0.2655,
0.2820

■ 21.4245, 0.5062,
0.4363

■ 68.3114, 0.2664,
0.2900

■ 72.0085, 0.2672,
0.2979

Harmonies

Analogous

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



38.5981, 0.3591, 0.3506



38.5981, 0.3517, 0.3652



38.5981, 0.3338, 0.3704

Triad

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



38.5981, 0.3517, 0.3652



38.5981, 0.2735, 0.3245



38.5981, 0.3134, 0.2975

Complementary

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



38.5981, 0.3517, 0.3652



32.2695, 0.2759, 0.2899

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.



38.5981, 0.2908, 0.2904



38.5981, 0.3517, 0.3652



38.5981, 0.2684, 0.3049

Square

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



38.5981, 0.3517, 0.3652



38.5981, 0.2887, 0.3464



38.5981, 0.2746, 0.2928



38.5981, 0.3365, 0.3122

Rectangle

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



38.5981, 0.3517, 0.3652



38.5981, 0.3186, 0.3672



38.5981, 0.2746, 0.2928



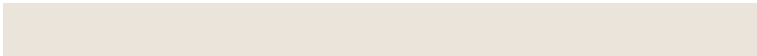
38.5981, 0.3055, 0.2941

Sweetspot

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



38.5998, 0.3517, 0.3652



78.3424, 0.3237, 0.3397



30.6619, 0.3420, 0.3065



16.8565, 0.3246, 0.3406



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



38.5998, 0.3517, 0.3652



66.3418, 0.3619, 0.3738



44.1523, 0.3426, 0.3868



9.3520, 0.3272, 0.3431



14.9073, 0.5048, 0.4374



0.5774, 0.4753, 0.4608

Inverse Universe

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



32.2695, 0.2759, 0.2899



52.9533, 0.2670, 0.2796



27.7257, 0.2786, 0.2658



8.7431, 0.2985, 0.3145



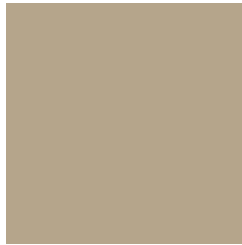
5.3538, 0.1676, 0.1233



0.2832, 0.1839, 0.1819

Previews

White Background



This preview shows how the Yxy color 38.5981, 0.3517, 0.3652 looks on a white background.

Color Contrast Check

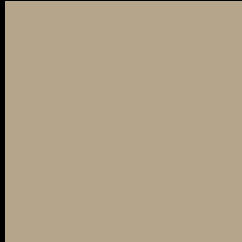
Large Text (above 18pt) WCAG AA × Fail

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 38.5981, 0.3517, 0.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

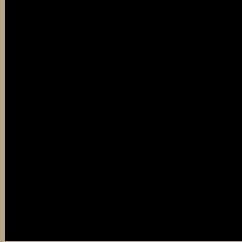
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

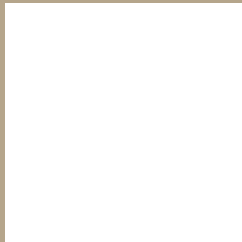
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.5981, 0.3517, 0.3652

Background



This preview shows how black text looks on a background with the Yxy color 38.5981, 0.3517, 0.3652.



This preview shows how white text looks on a background with the Yxy color 38.5981, 0.3517, 0.3652.

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

38.5981, 0.3517, 0.3652

Protanopia

38.7610, 0.3453, 0.3671

Deuteranopia

38.7206, 0.3641, 0.3572



Tritanopia

38.4730, 0.3250, 0.3117

Trichromacy



Original Color

38.5981, 0.3517, 0.3652

Protanomaly

38.6309, 0.3475, 0.3655

Deuteranomaly

38.5529, 0.3597, 0.3589

Tritanomaly

38.6042, 0.3348, 0.3304

Monochromacy



Original Color

38.5981, 0.3517, 0.3652

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.4774, 0.3262, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5981, 0.3517, 0.3652 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(181, 165, 139)` looks like.

```
.text, #text, p{  
    color:rgb(181, 165, 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(181, 165, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 165, 139) }
```

Border

The CSS property to change the border of an element to Yxy 38.5981, 0.3517, 0.3652 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(181, 165, 139) }
```

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

```
.border{ border-color:rgb(181, 165, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 165, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 165, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 165, 139);  
box-shadow:4px 4px 4px 4px rgb(181, 165,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5981, 0.3517, 0.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 165, 139) }
```

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

```
.background{ background-color: rgb(181,  
165, 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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