

Converting Colors

$Yxy(38.0507, 0.3553, 0.3696)$

Have a look what the booklet for
Yxy(38.0507, 0.3553, 0.3696)
contains.

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Color

Yxy(38.0035, 0.3547, 0.3697)

Conversions

Conversions Part 1

Format	Color
Hex	B4A487
RGB	180, 164, 135
RGB Percent	71%, 64%, 53%
CMY	0.2943, 0.3568, 0.4706
CMYK	0.00, 0.09, 0.25, 0.29
HSL	39°, 23%, 62%
HSV	39°, 25%, 71%
XYZ	36.4616, 38.0035, 28.3304
YIQ	165.4780, 18.8450, -5.6270

Conversions

Conversions Part 2

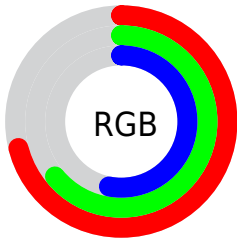
Format	Color
R _Y B	160, 180, 135
Decimal	11838599
CIE Lab	68.02, 1.13, 17.19
CIE LCh	68, 17.224, 86.225
Yxy	38.0035, 0.3547, 0.3697
Android (android.graphics.Color)	4290028679 (0xFFB4A487)
YUV	165.4780, -15.0257, 12.7358
Hunter-Lab	61.6470, -2.3071, 15.9056

Details

The Yxy color **38.0035, 0.3547, 0.3697** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.5492, 0.2728, 0.2846**, and the grayscale version is **37.9331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1267, 0.3468, 0.3625**, and **16.7562, 0.3686, 0.3815** is the 20% darker color. If you saturate the color by 10%, you get **35.3153, 0.3743, 0.3866**, and if you desaturate by 10%, it is **40.8952, 0.3367, 0.3529**.

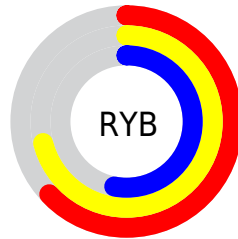
Distribution



Red (71%)

Green (64%)

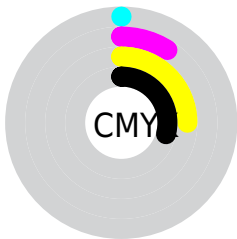
Blue (53%)



Red (63%)

Yellow (71%)

Blue (53%)

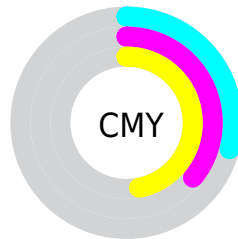


Cyan (0%)

Magenta (9%)

Yellow (25%)

Black (29%)



Cyan (29%)


Magenta (36%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0035, 0.3547, 0.3697 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 38.0035, 0.3547, 0.3697 by changing the saturation by 10% instead.


 38.0035, 0.3547,
0.3697

 38.0035, 0.3547,
0.3697


337.6350, 0.3330,
0.3488

 25.9854, 0.3603,
0.3751


 72.1135, 0.3467,
0.3620

 16.8127, 0.3676,
0.3820


 94.9742, 0.3437,
0.3591

 10.1011, 0.3775,
0.3914


 122.2179, 0.3412,
0.3567

 5.4660, 0.3915,
0.4046

154.2290, 0.3391,
0.3547

 2.5232, 0.4126,
0.4242

191.3918, 0.3373,
0.3529

 0.8882, 0.4955,
0.5045

234.0908, 0.3357,

 0.0000, 0.0000,

0.3513

0.0000

282.7104, 0.3343,
0.3500

■ 38.0035, 0.3547,
0.3697

■ 38.0035, 0.3547,
0.3697

■ 35.3153, 0.3743,
0.3866

■ 40.8952, 0.3367,
0.3529

■ 32.8194, 0.3951,
0.4030

■ 43.9909, 0.3203,
0.3368

■ 30.5113, 0.4166,
0.4180

■ 47.2976, 0.3055,
0.3214

■ 28.3840, 0.4380,
0.4306

■ 50.8204, 0.2924,
0.3071

■ 26.4300, 0.4584,
0.4396

■ 54.5642, 0.2807,
0.2939

■ 24.6408, 0.4766,
0.4441

■ 58.5337, 0.2703,
0.2817

■ 23.0063, 0.4917,
0.4436

■ 62.3440, 0.2643,
0.2766

■ 22.2352, 0.4988,
0.4422

■ 65.5279, 0.2651,
0.2840

■ 68.8383, 0.2659,
0.2914

Harmonies

Analogous

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



38.0035, 0.3639, 0.3540



38.0035, 0.3547, 0.3697



38.0035, 0.3342, 0.3748

Triad

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



38.0035, 0.3547, 0.3697



38.0035, 0.2687, 0.3222



38.0035, 0.3152, 0.2952

Complementary

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



38.0035, 0.3547, 0.3697



30.5492, 0.2728, 0.2846

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.



38.0035, 0.2901, 0.2868



38.0035, 0.3547, 0.3697



38.0035, 0.2640, 0.3011

Square

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



38.0035, 0.3547, 0.3697



38.0035, 0.2847, 0.3466



38.0035, 0.2717, 0.2885



38.0035, 0.3406, 0.3118

Rectangle

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



38.0035, 0.3547, 0.3697



38.0035, 0.3173, 0.3707



38.0035, 0.2717, 0.2885



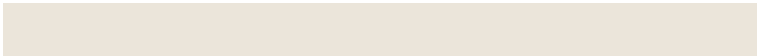
38.0035, 0.3065, 0.2914

Sweetspot

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



38.0052, 0.3547, 0.3697



78.5839, 0.3236, 0.3401



29.2717, 0.3456, 0.3057



16.9128, 0.3246, 0.3411



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.



38.0052, 0.3547, 0.3697



66.2121, 0.3653, 0.3791



43.3647, 0.3442, 0.3915



9.3899, 0.3272, 0.3437



15.6583, 0.4975, 0.4432



0.5976, 0.4707, 0.4645

Inverse Universe

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



30.5492, 0.2728, 0.2846



50.3514, 0.2632, 0.2732



26.2791, 0.2762, 0.2604



8.7064, 0.2985, 0.3139



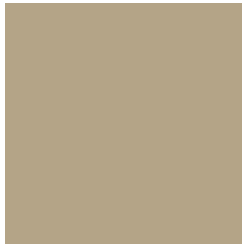
4.9568, 0.1656, 0.1159



0.2685, 0.1820, 0.1751

Previews

White Background



This preview shows how the Yxy color 38.0035, 0.3547, 0.3697 looks on a white background.

Color Contrast Check

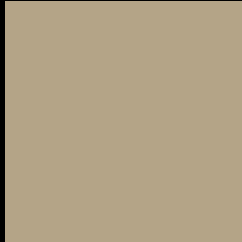
Large Text (above 18pt) WCAG AA × Fail

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 38.0035, 0.3547, 0.3697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

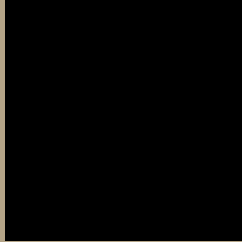
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0035, 0.3547, 0.3697

Background



This preview shows how black text looks on a background with the Yxy color 38.0035, 0.3547, 0.3697.



This preview shows how white text looks on a background with the Yxy color 38.0035, 0.3547, 0.3697.

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

38.0035, 0.3547, 0.3697

Protanopia

37.9179, 0.3495, 0.3701

Deuteranopia

37.7803, 0.3677, 0.3601



Tritanopia

37.9269, 0.3260, 0.3129

Trichromacy



Original Color

38.0035, 0.3547, 0.3697

Protanomaly

38.0350, 0.3505, 0.3700

Deuteranomaly

37.9587, 0.3629, 0.3632

Tritanomaly

38.0256, 0.3368, 0.3332

Monochromacy



Original Color

38.0035, 0.3547, 0.3697

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.7894, 0.3271, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0035, 0.3547, 0.3697 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(180, 164, 135)` looks like.

```
.text, #text, p{  
    color:rgb(180, 164, 135)  
}
```

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(180, 164, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 164, 135) }
```

Border

The CSS property to change the border of an element to Yxy 38.0035, 0.3547, 0.3697 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(180, 164, 135) }
```

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

```
.border{ border-color:rgb(180, 164, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 164, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 164, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 164, 135);  
box-shadow:4px 4px 4px 4px rgb(180, 164,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0035, 0.3547, 0.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 164, 135) }
```

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

```
.background{ background-color: rgb(180,  
164, 135) }
```

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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