

Converting Colors

$Yxy(38.9419, 0.3611, 0.3891)$

Have a look what the booklet for
Yxy(38.9419, 0.3611, 0.3891)
contains.

Yxy(38.9509, 0.3605, 0.3894)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.9509, 0.3605, 0.3894)

Conversions

Conversions Part 1

Format	Color
Hex	B2A87D
RGB	178, 168, 125
RGB Percent	70%, 66%, 49%
CMY	0.3020, 0.3411, 0.5098
CMYK	0.00, 0.06, 0.30, 0.30
HSL	49°, 26%, 59%
HSV	49°, 30%, 70%
XYZ	36.0601, 38.9509, 25.0170
YIQ	166.0880, 19.7630, -11.2530

Conversions

Conversions Part 2

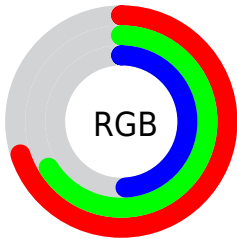
Format	Color
RYB	137, 178, 125
Decimal	11708541
CIELab	68.72, -3.19, 23.57
CIELCh	69, 23.780, 97.707
Yxy	38.9509, 0.3605, 0.3894
Android (android.graphics.Color)	4289898621 (0xFFB2A87D)
YUV	166.0880, -20.2564, 10.4468
Hunter-Lab	62.4107, -6.0836, 19.9214

Details

The Yxy color **38.9509, 0.3605, 0.3894** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.8892, 0.2630, 0.2603**, and the grayscale version is **38.2699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4821, 0.3514, 0.3777**, and **17.3726, 0.3746, 0.4066** is the 20% darker color. If you saturate the color by 10%, you get **37.3176, 0.3778, 0.4097**, and if you desaturate by 10%, it is **40.7011, 0.3436, 0.3687**.

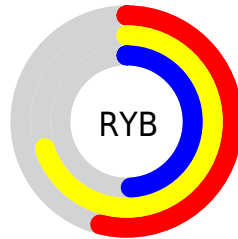
Distribution



Red (70%)

Green (66%)

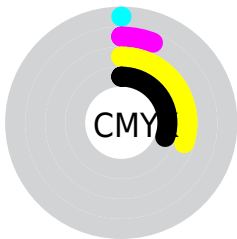
Blue (49%)



Red (54%)

Yellow (70%)

Blue (49%)

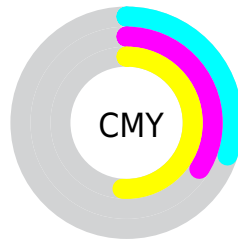


Cyan (0%)

Magenta (6%)

Yellow (30%)

Black (30%)



Cyan (30%)


Magenta (34%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9509, 0.3605, 0.3894 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 38.9509, 0.3605, 0.3894 by changing the saturation by 10% instead.


 38.9509, 0.3605,
0.3894


 38.9509, 0.3605,
0.3894


341.6817, 0.3362,
0.3583


 26.7215, 0.3666,
0.3974


 73.5633, 0.3516,
0.3779

 17.3642, 0.3744,
0.4077


 96.7151, 0.3483,
0.3736

 10.4945, 0.3846,
0.4216


 124.2766, 0.3455,
0.3701

 5.7280, 0.3985,
0.4408

156.6320, 0.3431,
0.3670

 2.6804, 0.4207,
0.4721

194.1658, 0.3410,
0.3644

 0.9673, 0.4646,
0.5354

237.2625, 0.3392,

 0.0000, 0.0000,

0.3621

0.0000

286.3063, 0.3376,
0.3601

■ 38.9509, 0.3605,
0.3894

■ 38.9509, 0.3605,
0.3894

■ 37.3176, 0.3778,
0.4097

■ 40.7011, 0.3436,
0.3687

■ 35.7913, 0.3950,
0.4288

■ 42.5671, 0.3275,
0.3483

■ 34.3687, 0.4114,
0.4456

■ 44.5546, 0.3124,
0.3286

■ 33.0443, 0.4264,
0.4593

■ 46.6675, 0.2985,
0.3099

■ 31.8119, 0.4391,
0.4690

■ 48.9094, 0.2858,
0.2925

■ 30.6641, 0.4491,
0.4741

■ 51.2836, 0.2742,
0.2764

■ 29.5863, 0.4567,
0.4754

■ 53.7933, 0.2639,
0.2615

■ 29.5620, 0.4568,
0.4755

■ 55.6188, 0.2612,
0.2600

■ 57.1336, 0.2617,
0.2640

Harmonies

Analogous

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



38.9509, 0.3802, 0.3718



38.9509, 0.3605, 0.3894



38.9509, 0.3285, 0.3904

Triad

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



38.9509, 0.3605, 0.3894



38.9509, 0.2489, 0.3069



38.9509, 0.3297, 0.2910

Complementary

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



38.9509, 0.3605, 0.3894



24.8892, 0.2630, 0.2603

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.



38.9509, 0.2940, 0.2751



38.9509, 0.3605, 0.3894



38.9509, 0.2490, 0.2824

Square

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



38.9509, 0.3605, 0.3894



38.9509, 0.2647, 0.3402



38.9509, 0.2650, 0.2717



38.9509, 0.3622, 0.3159

Rectangle

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



38.9509, 0.3605, 0.3894



38.9509, 0.3049, 0.3801



38.9509, 0.2650, 0.2717



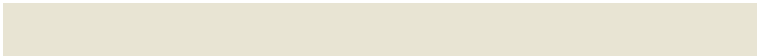
38.9509, 0.3176, 0.2845

Sweetspot

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



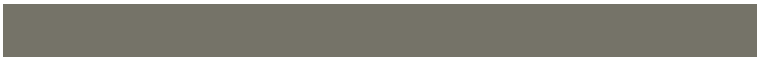
38.9527, 0.3605, 0.3894



77.4297, 0.3265, 0.3470



25.8938, 0.3647, 0.3137



17.0429, 0.3288, 0.3499



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.



38.9527, 0.3605, 0.3894



68.6040, 0.3724, 0.4034



41.0023, 0.3418, 0.4058



9.6295, 0.3268, 0.3474



21.2440, 0.4563, 0.4759



0.7386, 0.4443, 0.4854

Inverse Universe

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



24.8892, 0.2630, 0.2603



38.8037, 0.2500, 0.2414



23.5320, 0.2768, 0.2474



8.4803, 0.2985, 0.3100



3.1677, 0.1555, 0.0796



0.1765, 0.1689, 0.1279

Previews

White Background



This preview shows how the Yxy color 38.9509, 0.3605, 0.3894 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 38.9509, 0.3605, 0.3894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

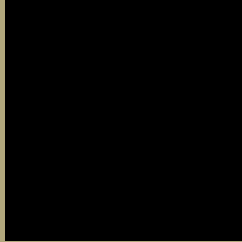
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9509, 0.3605, 0.3894

Background



This preview shows how black text looks on a background with the Yxy color 38.9509, 0.3605, 0.3894.



This preview shows how white text looks on a background with the Yxy color 38.9509, 0.3605, 0.3894.

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

38.9509, 0.3605, 0.3894

Protanopia

38.8214, 0.3629, 0.3877

Deuteranopia

38.8664, 0.3818, 0.3753



Tritanopia

39.0870, 0.3229, 0.3130

Trichromacy



Original Color

38.9509, 0.3605, 0.3894

Protanomaly

38.7018, 0.3619, 0.3879

Deuteranomaly

39.0044, 0.3733, 0.3804

Tritanomaly

38.8963, 0.3372, 0.3400

Monochromacy



Original Color

38.9509, 0.3605, 0.3894

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.4178, 0.3295, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9509, 0.3605, 0.3894 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(178, 168, 125)` looks like.

```
.text, #text, p{  
    color:rgb(178, 168, 125)  
}
```

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(178, 168, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 168, 125) }
```

Border

The CSS property to change the border of an element to Yxy 38.9509, 0.3605, 0.3894 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(178, 168, 125) }
```

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

```
.border{ border-color:rgb(178, 168, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 168, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 168, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 168, 125);  
box-shadow:4px 4px 4px 4px rgb(178, 168,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9509, 0.3605, 0.3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 168, 125) }
```

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

```
.background{ background-color: rgb(178,  
168, 125) }
```

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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