

Converting Colors

$Yxy(38.6935, 0.3496, 0.3638)$

Have a look what the booklet for
Yxy(38.6935, 0.3496, 0.3638)
contains.

Yxy(38.5070, 0.3498, 0.3639)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.5070, 0.3498, 0.3639)

Conversions

Conversions Part 1

Format	Color
Hex	B4A58C
RGB	180, 165, 140
RGB Percent	71%, 65%, 55%
CMY	0.2940, 0.3530, 0.4509
CMYK	0.00, 0.08, 0.22, 0.29
HSL	37°, 21%, 63%
HSV	37°, 22%, 71%
XYZ	37.0150, 38.5070, 30.2956
YIQ	166.6350, 16.9650, -4.5950

Conversions

Conversions Part 2

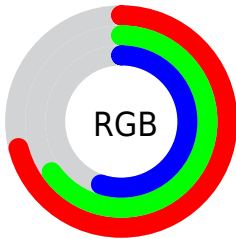
Format	Color
RYB	164, 180, 140
Decimal	11838860
CIELab	68.39, 1.37, 14.94
CIELCh	68, 14.999, 84.758
Yxy	38.5070, 0.3498, 0.3639
Android (android.graphics.Color)	4290028940 (0xFFB4A58C)
YUV	166.6350, -13.1311, 11.7211
Hunter-Lab	62.0540, -2.1200, 14.4917

Details

The Yxy color **38.5070, 0.3498, 0.3639** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.3255, 0.2775, 0.2914**, and the grayscale version is **38.5178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9143, 0.3423, 0.3570**, and **17.0605, 0.3614, 0.3736** is the 20% darker color. If you saturate the color by 10%, you get **35.6461, 0.3692, 0.3803**, and if you desaturate by 10%, it is **41.5871, 0.3320, 0.3478**.

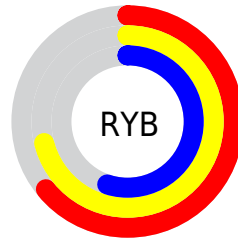
Distribution



Red (71%)

Green (65%)

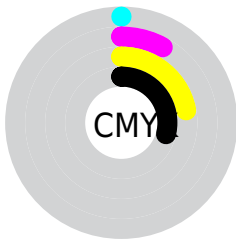
Blue (55%)



Red (64%)

Yellow (71%)

Blue (55%)

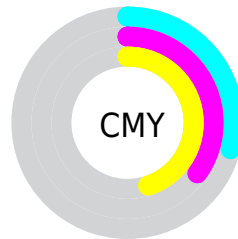


Cyan (0%)

Magenta (8%)

Yellow (22%)

Black (29%)



Cyan (29%)


Magenta (35%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5070, 0.3498, 0.3639 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 38.5070, 0.3498, 0.3639 by changing the saturation by 10% instead.


 38.5070, 0.3498,
0.3639

 38.5070, 0.3498,
0.3639

339.7899, 0.3307,
0.3460


 26.3764, 0.3548,
0.3685


 72.8846, 0.3427,
0.3573

 17.1055, 0.3612,
0.3745


 95.9004, 0.3401,
0.3548

 10.3097, 0.3700,
0.3825


 123.3133, 0.3379,
0.3528

 5.6048, 0.3825,
0.3939

155.5079, 0.3360,
0.3510

 2.6063, 0.4016,
0.4110

192.8684, 0.3344,
0.3495

 0.9298, 0.4970,
0.5030


235.7794, 0.3330,


 0.0000, 0.0000,

0.3482


0.0000


284.6250, 0.3318,
0.3470

 38.5070, 0.3498,
0.3639


 38.5070, 0.3498,
0.3639


 35.6461, 0.3692,
0.3803


 41.5871, 0.3320,
0.3478


 32.9931, 0.3902,
0.3965


 44.8871, 0.3160,
0.3323


 30.5430, 0.4121,
0.4115

 48.4143, 0.3017,
0.3178

 28.2889, 0.4344,
0.4245

 52.1741, 0.2890,
0.3042

 26.2229, 0.4561,
0.4342

 56.1714, 0.2778,
0.2917

■ 24.3366, 0.4760,
0.4396

■ 60.4114, 0.2678,
0.2802

■ 22.6199, 0.4930,
0.4400

■ 64.1682, 0.2648,
0.2809

■ 21.3890, 0.5046,
0.4375

■ 67.6252, 0.2657,
0.2887

■ 71.2254, 0.2665,
0.2965

Harmonies

Analogous

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



38.5070, 0.3571, 0.3501



38.5070, 0.3498, 0.3639



38.5070, 0.3325, 0.3686

Triad

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



38.5070, 0.3498, 0.3639



38.5070, 0.2749, 0.3243



38.5070, 0.3139, 0.2990

Complementary

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



38.5070, 0.3498, 0.3639



32.3255, 0.2775, 0.2914

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.



38.5070, 0.2922, 0.2920



38.5070, 0.3498, 0.3639



38.5070, 0.2703, 0.3056

Square

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



38.5070, 0.3498, 0.3639



38.5070, 0.2894, 0.3452



38.5070, 0.2764, 0.2942



38.5070, 0.3359, 0.3133

Rectangle

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



38.5070, 0.3498, 0.3639



38.5070, 0.3179, 0.3654



38.5070, 0.2764, 0.2942



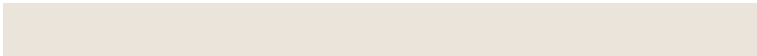
38.5070, 0.3063, 0.2957

Sweetspot

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



38.5087, 0.3498, 0.3639



78.3914, 0.3237, 0.3398



30.8427, 0.3405, 0.3075



16.8679, 0.3246, 0.3407



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.



38.5087, 0.3498, 0.3639



67.0422, 0.3598, 0.3725



43.6991, 0.3413, 0.3843



9.3597, 0.3272, 0.3432



15.0570, 0.5033, 0.4386



0.5815, 0.4743, 0.4616

Inverse Universe

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



32.3255, 0.2775, 0.2914



53.7104, 0.2687, 0.2812



28.0453, 0.2802, 0.2688



8.7356, 0.2985, 0.3144



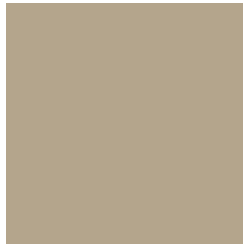
5.2704, 0.1672, 0.1218



0.2802, 0.1835, 0.1805

Previews

White Background



This preview shows how the Yxy color 38.5070, 0.3498, 0.3639 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 38.5070, 0.3498, 0.3639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

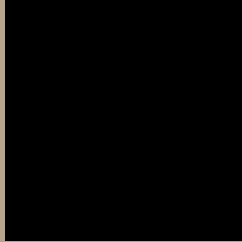
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5070, 0.3498, 0.3639

Background



This preview shows how black text looks on a background with the Yxy color 38.5070, 0.3498, 0.3639.



This preview shows how white text looks on a background with the Yxy color 38.5070, 0.3498, 0.3639.

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

38.5070, 0.3498, 0.3639

Protanopia

38.4256, 0.3446, 0.3643

Deuteranopia

38.2712, 0.3625, 0.3546



Tritanopia

38.3491, 0.3241, 0.3116

Trichromacy



Original Color

38.5070, 0.3498, 0.3639

Protanomaly

38.5426, 0.3456, 0.3642

Deuteranomaly

38.4551, 0.3578, 0.3577

Tritanomaly

38.4811, 0.3339, 0.3304

Monochromacy



Original Color

38.5070, 0.3498, 0.3639

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 38.5070, 0.3498, 0.3639 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, 165, 140)` looks like.

```
.text, #text, p{  
    color:rgb(180, 165, 140)  
}
```

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, 165, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 165, 140) }
```

Border

The CSS property to change the border of an element to Yxy 38.5070, 0.3498, 0.3639 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, 165, 140) }
```

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

```
.border{ border-color:rgb(180, 165, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 165, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 165, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 165, 140);  
box-shadow:4px 4px 4px 4px rgb(180, 165,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5070, 0.3498, 0.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 165, 140) }
```

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

```
.background{ background-color: rgb(180,  
165, 140) }
```

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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