

Converting Colors

$Yxy(37.9176, 0.3466, 0.3492)$

Have a look what the booklet for
Yxy(37.9176, 0.3466, 0.3492)
contains.

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Color

Yxy(38.0145, 0.3470, 0.3498)

Conversions

Conversions Part 1

Format	Color
Hex	B7A293
RGB	183, 162, 147
RGB Percent	72%, 64%, 58%
CMY	0.2825, 0.3647, 0.4236
CMYK	0.00, 0.11, 0.20, 0.28
HSL	25°, 20%, 65%
HSV	25°, 20%, 72%
XYZ	37.7102, 38.0145, 32.9502
YIQ	166.5690, 17.3310, -0.2130

Conversions

Conversions Part 2

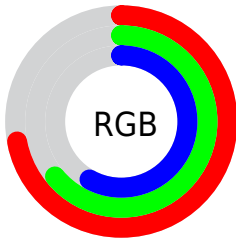
Format	Color
R _Y B	183, 173, 147
Decimal	12034707
CIE Lab	68.03, 5.20, 10.61
CIE LCh	68, 11.812, 63.883
Yxy	38.0145, 0.3470, 0.3498
Android (android.graphics.Color)	4290224787 (0xFFB7A293)
YUV	166.5690, -9.6475, 14.4100
Hunter-Lab	61.6559, 1.2770, 11.4733

Details

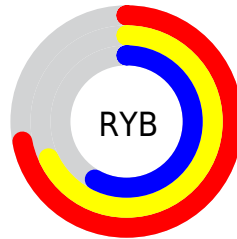
The Yxy color **38.0145, 0.3470, 0.3498** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.6085, 0.2824, 0.3073**, and the grayscale version is **38.4639, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1935, 0.3401, 0.3461**, and **16.7422, 0.3591, 0.3559** is the 20% darker color. If you saturate the color by 10%, you get **33.8888, 0.3685, 0.3611**, and if you desaturate by 10%, it is **42.5533, 0.3283, 0.3389**.

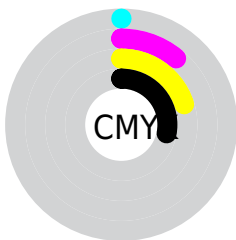
Distribution



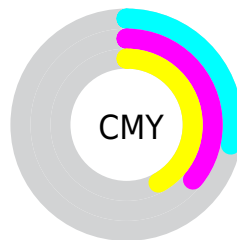
- Red (72%)
- Green (64%)
- Blue (58%)



- Red (72%)
- Yellow (68%)
- Blue (58%)



- Cyan (0%)
- Magenta (11%)
- Yellow (20%)
- Black (28%)





- Cyan (28%)
- Magenta (36%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0145, 0.3470, 0.3498 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 38.0145, 0.3470, 0.3498 by changing the saturation by 10% instead.


 38.0145, 0.3470,
0.3498


 38.0145, 0.3470,
0.3498


337.6822, 0.3292,
0.3392

 25.9939, 0.3517,
0.3525


 72.1304, 0.3404,
0.3459

 16.8191, 0.3578,
0.3559


 94.9945, 0.3379,
0.3445

 10.1056, 0.3662,
0.3606


122.2419, 0.3359,
0.3433

 5.4690, 0.3784,
0.3671

154.2569, 0.3341,
0.3422

 2.5250, 0.3976,
0.3768

191.4241, 0.3326,
0.3413

 0.8891, 0.4673,
0.4245

234.1278, 0.3313,

 0.0000, 0.0000,

0.3405

0.0000

282.7523, 0.3302,
0.3399

■ 38.0145, 0.3470,
0.3498

■ 38.0145, 0.3470,
0.3498

■ 33.8888, 0.3685,
0.3611

■ 42.5533, 0.3283,
0.3389

■ 30.1590, 0.3930,
0.3723

■ 47.5118, 0.3122,
0.3287

■ 26.8138, 0.4205,
0.3829

■ 52.9026, 0.2984,
0.3191

■ 23.8398, 0.4503,
0.3919

■ 58.7366, 0.2864,
0.3103

■ 21.2224, 0.4814,
0.3981

■ 65.0239, 0.2762,
0.3023

■ 18.9457, 0.5120,
0.4003

■ 71.6595, 0.2682,
0.2968

■ 16.9925, 0.5399,
0.3975

■ 77.6368, 0.2695,
0.3088

■ 15.3373, 0.5638,
0.3902

■ 83.9808, 0.2707,
0.3206

■ 15.2864, 0.5646,
0.3899

■ 88.8042, 0.2716,
0.3289

Harmonies

Analogous

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



38.0145, 0.3459, 0.3359



38.0145, 0.3470, 0.3498



38.0145, 0.3386, 0.3586

Triad

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



38.0145, 0.3470, 0.3498



38.0145, 0.2900, 0.3370



38.0145, 0.3014, 0.3004

Complementary

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



38.0145, 0.3470, 0.3498



37.6085, 0.2824, 0.3073

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.



38.0145, 0.2870, 0.3000



38.0145, 0.3470, 0.3498



38.0145, 0.2806, 0.3206

Square

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



38.0145, 0.3470, 0.3498



38.0145, 0.3056, 0.3515



38.0145, 0.2795, 0.3071



38.0145, 0.3192, 0.3080

Rectangle

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



38.0145, 0.3470, 0.3498



38.0145, 0.3290, 0.3602



38.0145, 0.2795, 0.3071



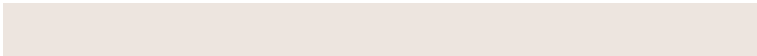
38.0145, 0.2960, 0.2994

Sweetspot

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



38.0162, 0.3470, 0.3498



79.3156, 0.3223, 0.3352



33.7559, 0.3294, 0.3004



17.3932, 0.3234, 0.3359



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.



38.0162, 0.3470, 0.3498



64.5182, 0.3568, 0.3551



44.8037, 0.3426, 0.3734



9.6117, 0.3278, 0.3386



10.7964, 0.5625, 0.3916



0.5035, 0.5168, 0.4278

Inverse Universe

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



37.6085, 0.2824, 0.3073



63.6394, 0.2750, 0.3014



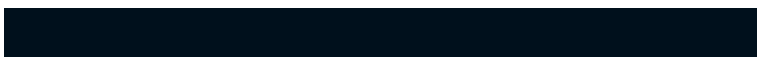
31.4301, 0.2808, 0.2804



9.5651, 0.2985, 0.3192



9.8014, 0.1856, 0.1881



0.4648, 0.1968, 0.2283

Previews

White Background



This preview shows how the Yxy color 38.0145, 0.3470, 0.3498 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 38.0145, 0.3470, 0.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

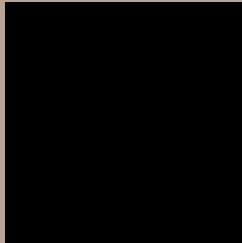
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0145, 0.3470, 0.3498

Background



This preview shows how black text looks on a background with the Yxy color 38.0145, 0.3470, 0.3498.



This preview shows how white text looks on a background with the Yxy color 38.0145, 0.3470, 0.3498.

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

38.0145, 0.3470, 0.3498

Protanopia

37.9644, 0.3346, 0.3517

Deuteranopia

38.0670, 0.3536, 0.3467



Tritanopia

38.1757, 0.3280, 0.3130

Trichromacy



Original Color

38.0145, 0.3470, 0.3498

Protanomaly

38.0361, 0.3396, 0.3515

Deuteranomaly

38.1611, 0.3513, 0.3482

Tritanomaly

38.0645, 0.3352, 0.3264

Monochromacy



Original Color

38.0145, 0.3470, 0.3498

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.3326, 0.3247, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0145, 0.3470, 0.3498 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(183, 162, 147)` looks like.

```
.text, #text, p{  
    color:rgb(183, 162, 147)  
}
```

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(183, 162, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 162, 147) }
```

Border

The CSS property to change the border of an element to Yxy 38.0145, 0.3470, 0.3498 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(183, 162, 147) }
```

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

```
.border{ border-color:rgb(183, 162, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 162, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 162, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 162, 147);  
box-shadow:4px 4px 4px 4px rgb(183, 162,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0145, 0.3470, 0.3498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 162, 147) }
```

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

```
.background{ background-color: rgb(183,  
162, 147) }
```

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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