

Converting Colors

Yxy(38.6551, 0.3441, 0.3502)

Have a look what the booklet for
Yxy(38.6551, 0.3441, 0.3502)
contains.

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Color

Yxy(38.6659, 0.3437, 0.3498)

Conversions

Conversions Part 1

Format	Color
Hex	B6A495
RGB	182, 164, 149
RGB Percent	71%, 64%, 58%
CMY	0.2862, 0.3568, 0.4158
CMYK	0.00, 0.10, 0.18, 0.29
HSL	27°, 18%, 65%
HSV	27°, 18%, 71%
XYZ	37.9916, 38.6659, 33.8796
YIQ	167.6720, 15.5430, -0.8490

Conversions

Conversions Part 2

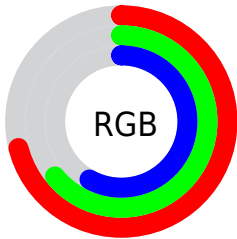
Format	Color
R _Y B	182, 177, 149
Decimal	11969685
CIE Lab	68.51, 4.05, 10.18
CIE LCh	69, 10.956, 68.281
Yxy	38.6659, 0.3437, 0.3498
Android (android.graphics.Color)	4290159765 (0xFFB6A495)
YUV	167.6720, -9.2053, 12.5657
Hunter-Lab	62.1819, 0.2408, 11.2233

Details

The Yxy color **38.6659, 0.3437, 0.3498** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3927, 0.2847, 0.3073**, and the grayscale version is **39.0294, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1520, 0.3376, 0.3461**, and **17.1373, 0.3541, 0.3559** is the 20% darker color. If you saturate the color by 10%, you get **34.7180, 0.3643, 0.3620**, and if you desaturate by 10%, it is **42.9850, 0.3257, 0.3381**.

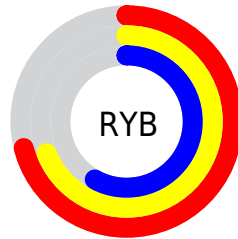
Distribution



Red (71%)

Green (64%)

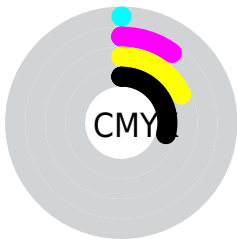
Blue (58%)



Red (71%)

Yellow (69%)

Blue (58%)

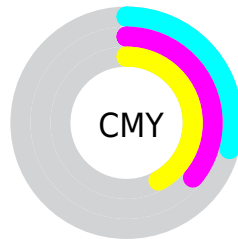


Cyan (0%)

Magenta (10%)

Yellow (18%)

Black (29%)



Cyan (29%)


Magenta (36%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6659, 0.3437, 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 38.6659, 0.3437, 0.3498 by changing the saturation by 10% instead.


 38.6659, 0.3437,
0.3498


 38.6659, 0.3437,
0.3498


340.4679, 0.3277,
0.3392

 26.4999, 0.3479,
0.3525


 73.1276, 0.3377,
0.3459

 17.1980, 0.3534,
0.3560


 96.1922, 0.3355,
0.3445

 10.3758, 0.3609,
0.3607


123.6584, 0.3337,
0.3432

 5.6488, 0.3717,
0.3673

155.9107, 0.3321,
0.3422

 2.6327, 0.3887,
0.3773

193.3333, 0.3308,
0.3413

 0.9431, 0.4439,
0.4172


236.3108, 0.3296,

 0.0000, 0.0000,


0.3405


0.0000


285.2276, 0.3286,
0.3398


 38.6659, 0.3437,
0.3498


 38.6659, 0.3437,
0.3498


 34.7180, 0.3643,
0.3620


 42.9850, 0.3257,
0.3381


 31.1257, 0.3877,
0.3742

 47.6803, 0.3100,
0.3270


 27.8796, 0.4137,
0.3859

 52.7629, 0.2964,
0.3167

 24.9681, 0.4418,
0.3961

 58.2421, 0.2847,
0.3073

 22.3786, 0.4712,
0.4037

 64.1267, 0.2745,
0.2986

■ 20.0975, 0.5001,
0.4074

■ 70.2194, 0.2674,
0.2939

■ 18.1100, 0.5267,
0.4061

■ 75.6924, 0.2686,
0.3052

■ 16.3961, 0.5496,
0.3999

■ 81.4814, 0.2697,
0.3162

■ 16.1060, 0.5537,
0.3986

■ 87.5914, 0.2709,
0.3270

Harmonies

Analogous

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



38.6659, 0.3440, 0.3375



38.6659, 0.3437, 0.3498



38.6659, 0.3349, 0.3569

Triad

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



38.6659, 0.3437, 0.3498



38.6659, 0.2901, 0.3341



38.6659, 0.3046, 0.3032

Complementary

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



38.6659, 0.3437, 0.3498



37.3927, 0.2847, 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.



38.6659, 0.2906, 0.3018



38.6659, 0.3437, 0.3498



38.6659, 0.2824, 0.3192

Square

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



38.6659, 0.3437, 0.3498



38.6659, 0.3038, 0.3480



38.6659, 0.2826, 0.3075



38.6659, 0.3212, 0.3111

Rectangle

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



38.6659, 0.3437, 0.3498



38.6659, 0.3255, 0.3575



38.6659, 0.2826, 0.3075



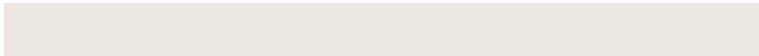
38.6659, 0.2995, 0.3020

Sweetspot

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



38.6676, 0.3437, 0.3498



80.4599, 0.3206, 0.3346



34.2259, 0.3290, 0.3041



17.6419, 0.3217, 0.3354



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.



38.6676, 0.3437, 0.3498



66.9945, 0.3521, 0.3549



44.9040, 0.3399, 0.3713



9.6673, 0.3277, 0.3394



11.5017, 0.5518, 0.4001



0.5294, 0.5091, 0.4339

Inverse Universe

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



37.3927, 0.2847, 0.3073



64.2294, 0.2780, 0.3016



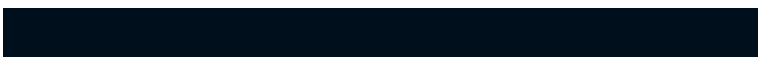
31.7746, 0.2834, 0.2829



9.5087, 0.2985, 0.3183



8.8459, 0.1820, 0.1751



0.4339, 0.1941, 0.2187

Previews

White Background



This preview shows how the Yxy color 38.6659, 0.3437, 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 38.6659, 0.3437, 0.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

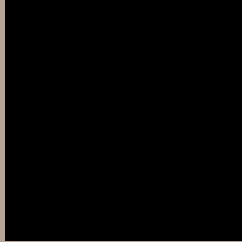
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6659, 0.3437, 0.3498

Background



This preview shows how black text looks on a background with the Yxy color 38.6659, 0.3437, 0.3498.



This preview shows how white text looks on a background with the Yxy color 38.6659, 0.3437, 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

38.6659, 0.3437, 0.3498

Protanopia

38.8381, 0.3343, 0.3530

Deuteranopia

38.6389, 0.3514, 0.3439



Tritanopia

38.4730, 0.3250, 0.3117

Trichromacy



Original Color

38.6659, 0.3437, 0.3498

Protanomaly

38.8216, 0.3374, 0.3514

Deuteranomaly

38.6075, 0.3482, 0.3454

Tritanomaly

38.3604, 0.3322, 0.3250

Monochromacy



Original Color

38.6659, 0.3437, 0.3498

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.0949, 0.3235, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6659, 0.3437, 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(182, 164, 149)` looks like.

```
.text, #text, p{  
    color:rgb(182, 164, 149)  
}
```

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(182, 164, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 164, 149) }
```

Border

The CSS property to change the border of an element to Yxy 38.6659, 0.3437, 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(182, 164, 149) }
```

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

```
.border{ border-color:rgb(182, 164, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 164, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 164, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 164, 149);  
box-shadow:4px 4px 4px 4px rgb(182, 164,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6659, 0.3437, 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(182, 164, 149) }
```

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

```
.background{ background-color: rgb(182,  
164, 149) }
```

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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