

Converting Colors

$Yxy(38.4058, 0.3328, 0.3353)$

Have a look what the booklet for
Yxy(38.4058, 0.3328, 0.3353)
contains.

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Color

Yxy(38.4009, 0.3326, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	B4A39F
RGB	180, 163, 159
RGB Percent	71%, 64%, 62%
CMY	0.2942, 0.3607, 0.3765
CMYK	0.00, 0.09, 0.12, 0.29
HSL	12°, 12%, 66%
HSV	12°, 12%, 71%
XYZ	38.1714, 38.4009, 38.1943
YIQ	167.6270, 11.4160, 2.3600

Conversions

Conversions Part 2

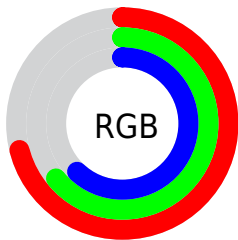
Format	Color
R_{YB}	180, 164, 159
Decimal	11838367
CIE Lab	68.32, 5.47, 4.32
CIE LCh	68, 6.969, 38.307
Yxy	38.4009, 0.3326, 0.3346
Android (android.graphics.Color)	4290028447 (0xFFB4A39F)
YUV	167.6270, -4.2531, 10.8511
Hunter-Lab	61.9685, 1.5077, 6.8345

Details

The Yxy color **38.4009, 0.3326, 0.3346** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.6911, 0.2951, 0.3233**, and the grayscale version is **38.9815, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8307, 0.3286, 0.3333**, and **16.9636, 0.3384, 0.3348** is the 20% darker color. If you saturate the color by 10%, you get **32.9517, 0.3535, 0.3398**, and if you desaturate by 10%, it is **44.5382, 0.3153, 0.3298**.

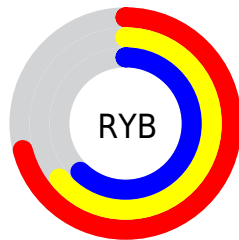
Distribution



Red (71%)

Green (64%)

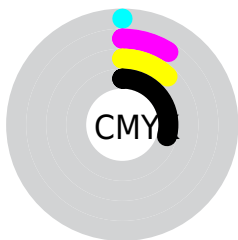
Blue (62%)



Red (71%)

Yellow (64%)

Blue (62%)

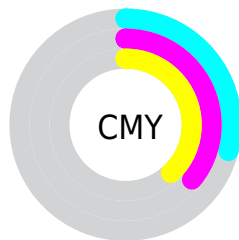


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (29%)



Cyan (29%)


Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.4009, 0.3326, 0.3346 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 38.4009, 0.3326, 0.3346 by changing the saturation by 10% instead.

 38.4009, 0.3326,
0.3346

 38.4009, 0.3326,
0.3346

339.3366, 0.3223,
0.3318

 26.2940, 0.3353,
0.3353


 72.7222, 0.3288,
0.3336

 17.0437, 0.3388,
0.3362


 95.7054, 0.3274,
0.3332

 10.2657, 0.3437,
0.3374


123.0828, 0.3262,
0.3329

 5.5754, 0.3508,
0.3391

155.2387, 0.3252,
0.3326

 2.5887, 0.3621,
0.3416

192.5577, 0.3243,
0.3324

 0.9210, 0.3861,
0.3487

235.4241, 0.3235,

 0.0000, 0.0000,

0.3321

0.0000


284.2223, 0.3229,
0.3320


 38.4009, 0.3326,
0.3346


 38.4009, 0.3326,
0.3346


 32.9517, 0.3535,
0.3398


 44.5382, 0.3153,
0.3298

 28.1617, 0.3787,
0.3451

 51.3813, 0.3010,
0.3253

 24.0071, 0.4087,
0.3503

 58.9535, 0.2891,
0.3212

 20.4610, 0.4436,
0.3549

 67.2757, 0.2791,
0.3175

 17.4945, 0.4827,
0.3583

 76.3677, 0.2708,
0.3142

■ 15.0762, 0.5241,
0.3595

■ 85.4536, 0.2695,
0.3238

■ 13.1717, 0.5640,
0.3576

■ 88.4398, 0.2701,
0.3289

■ 11.7425, 0.5975,
0.3524

■ 10.8762, 0.6188,
0.3469

Harmonies

Analogous

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



38.4009, 0.3273, 0.3255



38.4009, 0.3326, 0.3346



38.4009, 0.3324, 0.3424

Triad

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



38.4009, 0.3326, 0.3346



38.4009, 0.3071, 0.3410



38.4009, 0.2986, 0.3116

Complementary

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



38.4009, 0.3326, 0.3346



41.6911, 0.2951, 0.3233

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.



38.4009, 0.2934, 0.3153



38.4009, 0.3326, 0.3346



38.4009, 0.2982, 0.3323

Square

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



38.4009, 0.3326, 0.3346



38.4009, 0.3176, 0.3463



38.4009, 0.2933, 0.3229



38.4009, 0.3076, 0.3124

Rectangle

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



38.4009, 0.3326, 0.3346



38.4009, 0.3292, 0.3458



38.4009, 0.2933, 0.3229



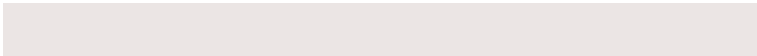
38.4009, 0.2963, 0.3123

Sweetspot

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



38.4026, 0.3326, 0.3346



79.1621, 0.3175, 0.3304



37.6308, 0.3175, 0.3059



16.9103, 0.3188, 0.3308



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.



38.4026, 0.3326, 0.3346



66.9895, 0.3376, 0.3359



42.2147, 0.3309, 0.3485



8.7607, 0.3282, 0.3334



7.6699, 0.6170, 0.3483



0.3194, 0.5669, 0.3881

Inverse Universe

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



41.6911, 0.2951, 0.3233



74.1456, 0.2912, 0.3220



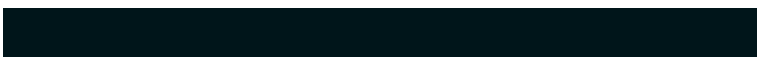
37.8022, 0.2948, 0.3087



9.3486, 0.2986, 0.3245



16.6196, 0.2076, 0.2672



0.5942, 0.2129, 0.2863

Previews

White Background



This preview shows how the Yxy color 38.4009, 0.3326, 0.3346 looks on a white background.

Color Contrast Check

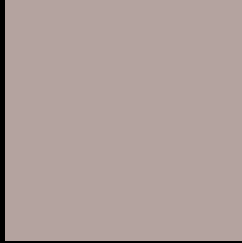
Large Text (above 18pt) WCAG AA × Fail

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 38.4009, 0.3326, 0.3346 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 38.4009, 0.3326, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 38.4009, 0.3326, 0.3346.



This preview shows how white text looks on a background with the Yxy color 38.4009, 0.3326, 0.3346.

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

38.4009, 0.3326, 0.3346

Protanopia

38.5036, 0.3217, 0.3361

Deuteranopia

38.3072, 0.3379, 0.3318



Tritanopia

38.4520, 0.3220, 0.3129

Trichromacy



Original Color

38.4009, 0.3326, 0.3346

Protanomaly

38.4470, 0.3256, 0.3360

Deuteranomaly

38.4111, 0.3357, 0.3332

Tritanomaly

38.4916, 0.3255, 0.3209

Monochromacy



Original Color

38.4009, 0.3326, 0.3346

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.7597, 0.3192, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4009, 0.3326, 0.3346 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, 163, 159)` looks like.

```
.text, #text, p{  
    color:rgb(180, 163, 159)  
}
```

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, 163, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 163, 159) }
```

Border

The CSS property to change the border of an element to Yxy 38.4009, 0.3326, 0.3346 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, 163, 159) }
```

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

```
.border{ border-color:rgb(180, 163, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 163, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 163, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 163, 159);  
box-shadow:4px 4px 4px 4px rgb(180, 163,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4009, 0.3326, 0.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 163, 159) }
```

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

```
.background{ background-color: rgb(180,  
163, 159) }
```

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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