

Converting Colors

$Yxy(37.4607, 0.3589, 0.3505)$

Have a look what the booklet for
Yxy(37.4607, 0.3589, 0.3505)
contains.

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Color

Yxy(37.3840, 0.3591, 0.3494)

Conversions

Conversions Part 1

Format	Color
Hex	BE9E8F
RGB	190, 158, 143
RGB Percent	75%, 62%, 56%
CMY	0.2549, 0.3804, 0.4391
CMYK	0.00, 0.17, 0.25, 0.25
HSL	19°, 27%, 65%
HSV	19°, 25%, 75%
XYZ	38.4219, 37.3840, 31.1890
YIQ	165.8580, 23.8870, 2.1190

Conversions

Conversions Part 2

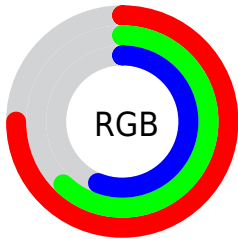
Format	Color
RYB	190, 165, 143
Decimal	12492431
CIELab	67.56, 9.51, 12.24
CIELCh	68, 15.498, 52.147
Yxy	37.3840, 0.3591, 0.3494
Android (android.graphics.Color)	4290682511 (0xFFBE9E8F)
YUV	165.8580, -11.2690, 21.1725
Hunter-Lab	61.1425, 5.1699, 12.5557

Details

The Yxy color **37.3840, 0.3591, 0.3494** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.2316, 0.2750, 0.3076**, and the grayscale version is **38.1096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3939, 0.3499, 0.3459**, and **16.5399, 0.3734, 0.3552** is the 20% darker color. If you saturate the color by 10%, you get **32.6718, 0.3838, 0.3582**, and if you desaturate by 10%, it is **42.6624, 0.3380, 0.3408**.

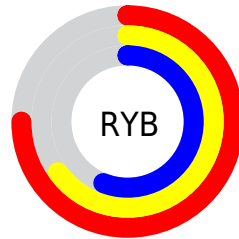
Distribution



Red (75%)

Green (62%)

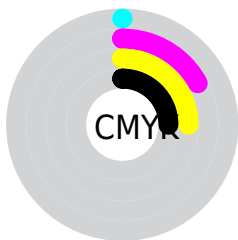
Blue (56%)



Red (75%)

Yellow (65%)

Blue (56%)

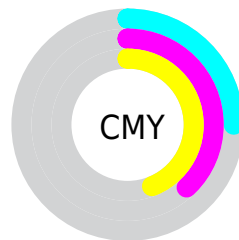


Cyan (0%)

Magenta (17%)

Yellow (25%)

Black (25%)



Cyan (25%)


Magenta (38%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.3840, 0.3591, 0.3494 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 37.3840, 0.3591, 0.3494 by changing the saturation by 10% instead.


 37.3840, 0.3591,
0.3494


 37.3840, 0.3591,
0.3494


334.9701, 0.3349,
0.3392

 25.5049, 0.3655,
0.3519


 71.1630, 0.3501,
0.3457

 16.4537, 0.3739,
0.3551


 93.8317, 0.3467,
0.3443

 9.8457, 0.3854,
0.3592


120.8658, 0.3440,
0.3432

 5.2968, 0.4022,
0.3648

152.6496, 0.3416,
0.3422

 2.4224, 0.4286,
0.3725

189.5675, 0.3396,
0.3413

 0.8374, 0.5384,
0.4326

232.0040, 0.3378,

 0.0000, 0.0000,

0.3405

0.0000

280.3434, 0.3363,
0.3398

■ 37.3840, 0.3591,
0.3494

■ 37.3840, 0.3591,
0.3494

■ 32.6718, 0.3838,
0.3582

■ 42.6624, 0.3380,
0.3408

■ 28.5012, 0.4123,
0.3666

■ 48.5200, 0.3202,
0.3327

■ 24.8538, 0.4445,
0.3741

■ 54.9759, 0.3051,
0.3251

■ 21.7076, 0.4795,
0.3795

■ 62.0469, 0.2923,
0.3181

■ 19.0392, 0.5155,
0.3818

■ 69.7490, 0.2815,
0.3117

■ 16.8230, 0.5497,
0.3797

■ 77.9659, 0.2733,
0.3080

■ 15.0305, 0.5785,
0.3729

■ 85.6777, 0.2746,
0.3221

■ 14.2381, 0.5918,
0.3683

■ 89.6873, 0.2752,
0.3289

Harmonies

Analogous

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



37.3840, 0.3527, 0.3300



37.3840, 0.3591, 0.3494



37.3840, 0.3525, 0.3645

Triad

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



37.3840, 0.3591, 0.3494



37.3840, 0.2900, 0.3478



37.3840, 0.2895, 0.2903

Complementary

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



37.3840, 0.3591, 0.3494



40.2316, 0.2750, 0.3076

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.



37.3840, 0.2739, 0.2933



37.3840, 0.3591, 0.3494



37.3840, 0.2742, 0.3259

Square

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



37.3840, 0.3591, 0.3494



37.3840, 0.3123, 0.3644



37.3840, 0.2684, 0.3060



37.3840, 0.3118, 0.2968

Rectangle

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



37.3840, 0.3591, 0.3494



37.3840, 0.3419, 0.3697



37.3840, 0.2684, 0.3060



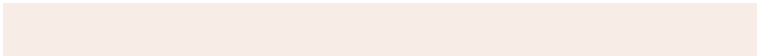
37.3840, 0.2834, 0.2902

Sweetspot

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



37.3857, 0.3591, 0.3494



85.2876, 0.3242, 0.3346



33.7015, 0.3301, 0.2866



18.5829, 0.3252, 0.3351



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.3857, 0.3591, 0.3494



62.7010, 0.3729, 0.3545



46.1378, 0.3520, 0.3795



10.0195, 0.3281, 0.3364



9.5942, 0.5895, 0.3702



0.4969, 0.5415, 0.4083

Inverse Universe

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



40.2316, 0.2750, 0.3076



68.7869, 0.2664, 0.3019



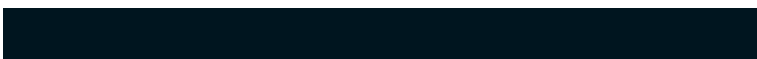
31.9005, 0.2720, 0.2729



10.2827, 0.2985, 0.3215



13.1355, 0.1952, 0.2228



0.6275, 0.2031, 0.2512

Previews

White Background



This preview shows how the Yxy color 37.3840, 0.3591, 0.3494 looks on a white background.

Color Contrast Check

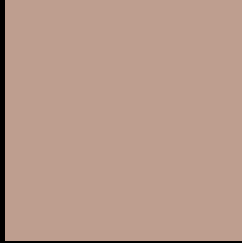
Large Text (above 18pt) WCAG AA × Fail

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 37.3840, 0.3591, 0.3494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

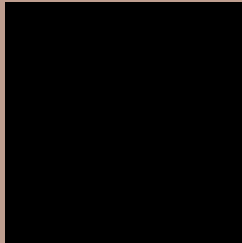
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3840, 0.3591, 0.3494

Background



This preview shows how black text looks on a background with the Yxy color 37.3840, 0.3591, 0.3494.



This preview shows how white text looks on a background with the Yxy color 37.3840, 0.3591, 0.3494.

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

37.3840, 0.3591, 0.3494

Protanopia

37.3969, 0.3365, 0.3548

Deuteranopia

37.4708, 0.3568, 0.3509



Tritanopia

37.5702, 0.3393, 0.3133

Trichromacy



Original Color

37.3840, 0.3591, 0.3494

Protanomaly

37.4687, 0.3449, 0.3529

Deuteranomaly

37.5983, 0.3578, 0.3508

Tritanomaly

37.4520, 0.3469, 0.3264

Monochromacy



Original Color

37.3840, 0.3591, 0.3494

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.7770, 0.3287, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3840, 0.3591, 0.3494 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(190, 158, 143)` looks like.

```
.text, #text, p{  
    color:rgb(190, 158, 143)  
}
```

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(190, 158, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 158, 143) }
```

Border

The CSS property to change the border of an element to Yxy 37.3840, 0.3591, 0.3494 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(190, 158, 143) }
```

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

```
.border{ border-color:rgb(190, 158, 143) }
```

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

Here you see how a box with a 4 pixel rgb(190, 158, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 158, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 158, 143);  
box-shadow:4px 4px 4px 4px rgb(190, 158,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3840, 0.3591, 0.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 158, 143) }
```

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

```
.background{ background-color: rgb(190,  
158, 143) }
```

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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