

Converting Colors

Yxy(39.3926, 0.3405, 0.3414)

Have a look what the booklet for
Yxy(39.3926, 0.3405, 0.3414)
contains.

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Color

Yxy(39.2318, 0.3410, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	B9A49B
RGB	185, 164, 155
RGB Percent	73%, 64%, 61%
CMY	0.2746, 0.3568, 0.3921
CMYK	0.00, 0.11, 0.16, 0.27
HSL	18°, 18%, 67%
HSV	18°, 16%, 73%
XYZ	39.1973, 39.2318, 36.5190
YIQ	169.2530, 15.4050, 1.6530

Conversions

Conversions Part 2

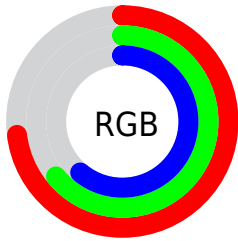
Format	Color
RYB	185, 168, 155
Decimal	12166299
CIELab	68.92, 6.14, 7.45
CIELCh	69, 9.658, 50.514
Yxy	39.2318, 0.3410, 0.3413
Android (android.graphics.Color)	4290356379 (0xFFB9A49B)
YUV	169.2530, -7.0267, 13.8101
Hunter-Lab	62.6353, 2.0940, 9.2761

Details

The Yxy color **39.2318, 0.3410, 0.3413** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.5157, 0.2880, 0.3164**, and the grayscale version is **39.8381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9673, 0.3357, 0.3396**, and **17.4934, 0.3503, 0.3441** is the 20% darker color. If you saturate the color by 10%, you get **34.2589, 0.3627, 0.3494**, and if you desaturate by 10%, it is **44.7750, 0.3226, 0.3336**.

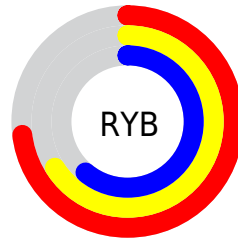
Distribution



Red (73%)

Green (64%)

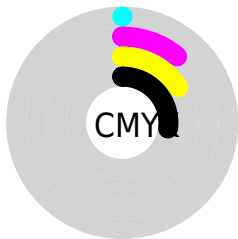
Blue (61%)



Red (73%)

Yellow (66%)

Blue (61%)

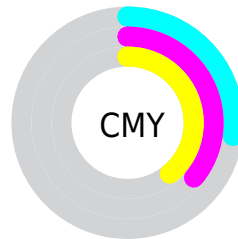


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (27%)



Cyan (27%)

Magenta (36%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2318, 0.3410, 0.3413 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 39.2318, 0.3410, 0.3413 by changing the saturation by 10% instead.


 39.2318, 0.3410,
0.3413


 39.2318, 0.3410,
0.3413


342.8750, 0.3264,
0.3351

 26.9401, 0.3448,
0.3428


 73.9923, 0.3356,
0.3390

 17.5282, 0.3498,
0.3448


 97.2299, 0.3336,
0.3382

 10.6118, 0.3567,
0.3475


124.8849, 0.3319,
0.3375

 5.8065, 0.3666,
0.3512

157.3417, 0.3305,
0.3369

 2.7278, 0.3822,
0.3566

194.9847, 0.3292,
0.3364

 0.9913, 0.4188,
0.3729

238.1984, 0.3281,

 0.0000, 1.0000,

0.3359

0.0000

287.3670, 0.3272,
0.3355

0.0000, 0.0000,
0.0000

39.2318, 0.3410,
0.3413

39.2318, 0.3410,
0.3413

34.2589, 0.3627,
0.3494

44.7750, 0.3226,
0.3336

29.8327, 0.3882,
0.3577

50.9006, 0.3072,
0.3263

25.9356, 0.4177,
0.3656

57.6272, 0.2941,
0.3197

22.5470, 0.4510,
0.3723

64.9709, 0.2831,
0.3136

19.6449, 0.4870,
0.3770

72.9469, 0.2737,
0.3080

■ 17.2057, 0.5237,
0.3784

■ 80.8414, 0.2711,
0.3145

■ 15.2033, 0.5580,
0.3755

■ 88.8072, 0.2726,
0.3285

■ 13.6081, 0.5864,
0.3680

■ 89.0527, 0.2726,
0.3289

■ 13.0976, 0.5961,
0.3649

Harmonies

Analogous

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



39.2318, 0.3367, 0.3292



39.2318, 0.3410, 0.3413



39.2318, 0.3375, 0.3505

Triad

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



39.2318, 0.3410, 0.3413



39.2318, 0.2995, 0.3411



39.2318, 0.2978, 0.3048

Complementary

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



39.2318, 0.3410, 0.3413



41.5157, 0.2880, 0.3164

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.



39.2318, 0.2883, 0.3074



39.2318, 0.3410, 0.3413



39.2318, 0.2893, 0.3281

Square

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



39.2318, 0.3410, 0.3413



39.2318, 0.3134, 0.3507



39.2318, 0.2852, 0.3157



39.2318, 0.3115, 0.3085

Rectangle

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



39.2318, 0.3410, 0.3413



39.2318, 0.3314, 0.3537



39.2318, 0.2852, 0.3157



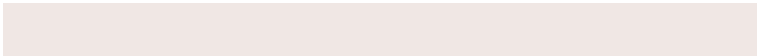
39.2318, 0.2941, 0.3050

Sweetspot

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



39.2336, 0.3410, 0.3413



81.3862, 0.3208, 0.3327



36.8916, 0.3228, 0.3010



17.3870, 0.3219, 0.3332



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.



39.2336, 0.3410, 0.3413



67.4053, 0.3474, 0.3438



44.9159, 0.3379, 0.3610



9.4402, 0.3280, 0.3359



9.0330, 0.5938, 0.3667



0.4304, 0.5418, 0.4080

Inverse Universe

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



41.5157, 0.2880, 0.3164



72.1693, 0.2833, 0.3137



35.9619, 0.2871, 0.2948



9.7429, 0.2985, 0.3220



13.2882, 0.1971, 0.2294



0.5713, 0.2050, 0.2581

Previews

White Background



This preview shows how the Yxy color 39.2318, 0.3410, 0.3413 looks on a white background.

Color Contrast Check

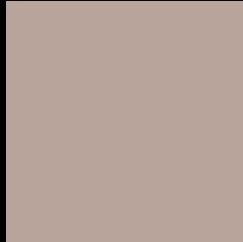
Large Text (above 18pt) WCAG AA × Fail

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 39.2318, 0.3410, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

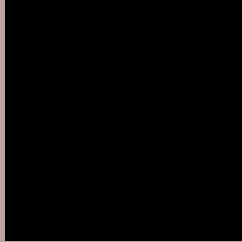
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2318, 0.3410, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 39.2318, 0.3410, 0.3413.



This preview shows how white text looks on a background with the Yxy color 39.2318, 0.3410, 0.3413.

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

39.2318, 0.3410, 0.3413

Protanopia

39.4383, 0.3279, 0.3444

Deuteranopia

39.0260, 0.3454, 0.3385



Tritanopia

39.1105, 0.3259, 0.3118

Trichromacy



Original Color

39.2318, 0.3410, 0.3413

Protanomaly

39.5027, 0.3327, 0.3443

Deuteranomaly

39.2523, 0.3442, 0.3399

Tritanomaly

39.0698, 0.3312, 0.3224

Monochromacy



Original Color

39.2318, 0.3410, 0.3413

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.4317, 0.3228, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2318, 0.3410, 0.3413 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(185, 164, 155)` looks like.

```
.text, #text, p{  
    color:rgb(185, 164, 155)  
}
```

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(185, 164, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 164, 155) }
```

Border

The CSS property to change the border of an element to Yxy 39.2318, 0.3410, 0.3413 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(185, 164, 155) }
```

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

```
.border{ border-color:rgb(185, 164, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 164, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 164, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 164, 155);  
box-shadow:4px 4px 4px 4px rgb(185, 164,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2318, 0.3410, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 164, 155) }
```

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

```
.background{ background-color: rgb(185,  
164, 155) }
```

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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