

Converting Colors

$Yxy(37.3892, 0.3413, 0.3419)$

Have a look what the booklet for
Yxy(37.3892, 0.3413, 0.3419)
contains.

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Color

Yxy(37.5479, 0.3415, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	B5A197
RGB	181, 161, 151
RGB Percent	71%, 63%, 59%
CMY	0.2900, 0.3687, 0.4078
CMYK	0.00, 0.11, 0.17, 0.29
HSL	20°, 17%, 65%
HSV	20°, 17%, 71%
XYZ	37.3946, 37.5479, 34.5585
YIQ	165.8400, 15.1300, 1.1300

Conversions

Conversions Part 2

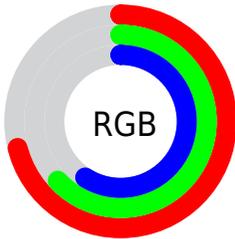
Format	Color
RYB	181, 166, 151
Decimal	11903383
CIELab	67.69, 5.66, 7.86
CIELCh	68, 9.687, 54.246
Yxy	37.5479, 0.3415, 0.3429
Android (android.graphics.Color)	4290093463 (0xFFB5A197)
YUV	165.8400, -7.3161, 13.2953
Hunter-Lab	61.2763, 1.6981, 9.4552

Details

The Yxy color **37.5479, 0.3415, 0.3429** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.0676, 0.2874, 0.3147**, and the grayscale version is **38.0856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.5240, 0.3359, 0.3408**, and **16.6612, 0.3508, 0.3484** is the 20% darker color. If you saturate the color by 10%, you get **32.9833, 0.3630, 0.3519**, and if you desaturate by 10%, it is **42.6146, 0.3232, 0.3343**.

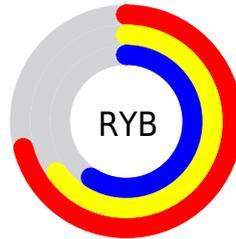
Distribution



Red (71%)

Green (63%)

Blue (59%)



Red (71%)

Yellow (65%)

Blue (59%)

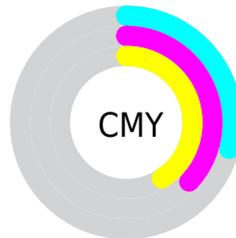


Cyan (0%)

Magenta (11%)

Yellow (17%)

Black (29%)



Cyan (29%)

Magenta (37%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.5479, 0.3415, 0.3429 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 37.5479, 0.3415, 0.3429 by changing the saturation by 10% instead.

 37.5479, 0.3415,
0.3429

 37.5479, 0.3415,
0.3429

335.6766, 0.3265,
0.3359

 25.6320, 0.3454,
0.3447

 71.4147, 0.3359,
0.3403

 16.5485, 0.3506,
0.3470

 94.1343, 0.3338,
0.3394

 9.9131, 0.3578,
0.3501

121.2240, 0.3321,
0.3385

 5.3414, 0.3682,
0.3545

153.0681, 0.3307,
0.3378

 2.4489, 0.3849,
0.3610

190.0510, 0.3294,
0.3372

 0.8509, 0.4366,
0.3905

232.5571, 0.3283,

 0.0000, 0.0000,

0.3367

0.0000

280.9708, 0.3274,
0.3363

■ 37.5479, 0.3415,
0.3429

■ 37.5479, 0.3415,
0.3429

■ 32.9833, 0.3630,
0.3519

■ 42.6146, 0.3232,
0.3343

■ 28.9003, 0.3880,
0.3609

■ 48.1934, 0.3077,
0.3263

■ 25.2839, 0.4168,
0.3696

■ 54.3002, 0.2946,
0.3189

■ 22.1168, 0.4489,
0.3771

■ 60.9487, 0.2834,
0.3122

■ 19.3802, 0.4835,
0.3824

■ 68.1521, 0.2739,
0.3060

■ 17.0540, 0.5187,
0.3843

■ 75.6208, 0.2680,
0.3053

■ 15.1162, 0.5515,
0.3817

■ 82.7216, 0.2695,
0.3187

■ 13.5412, 0.5791,
0.3743

■ 88.5688, 0.2706,
0.3289

■ 13.0773, 0.5878,
0.3715

Harmonies

Analogous

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



37.5479, 0.3381, 0.3308



37.5479, 0.3415, 0.3429



37.5479, 0.3370, 0.3517

Triad

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



37.5479, 0.3415, 0.3429



37.5479, 0.2977, 0.3398



37.5479, 0.2991, 0.3045

Complementary

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



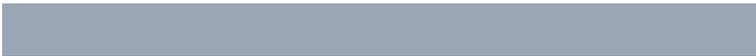
37.5479, 0.3415, 0.3429



39.0676, 0.2874, 0.3147

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.



37.5479, 0.2888, 0.3063



37.5479, 0.3415, 0.3429



37.5479, 0.2880, 0.3264

Square

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



37.5479, 0.3415, 0.3429



37.5479, 0.3116, 0.3502



37.5479, 0.2848, 0.3142



37.5479, 0.3133, 0.3090

Rectangle

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



37.5479, 0.3415, 0.3429



37.5479, 0.3302, 0.3544



37.5479, 0.2848, 0.3142



37.5479, 0.2951, 0.3044

Sweetspot

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



37.5496, 0.3415, 0.3429



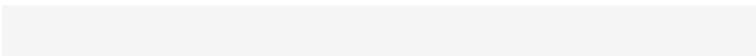
77.7261, 0.3207, 0.3331



34.9259, 0.3235, 0.3010



16.6556, 0.3219, 0.3337



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.



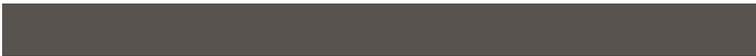
37.5496, 0.3415, 0.3429



64.0514, 0.3491, 0.3462



42.9325, 0.3384, 0.3624



8.9513, 0.3279, 0.3366



9.1261, 0.5855, 0.3733



0.3970, 0.5306, 0.4169

Inverse Universe

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



39.0676, 0.2874, 0.3147



67.2934, 0.2817, 0.3111



33.8687, 0.2865, 0.2933



9.1462, 0.2986, 0.3213



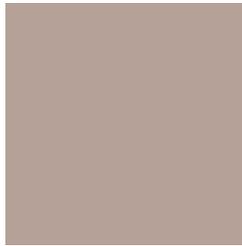
11.8339, 0.1940, 0.2183



0.4741, 0.2036, 0.2528

Previews

White Background



This preview shows how the Yxy color 37.5479, 0.3415, 0.3429 looks on a white background.

Color Contrast Check

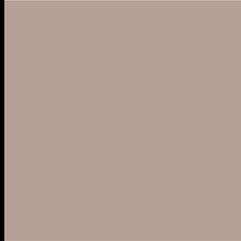
Large Text (above 18pt) WCAG AA × Fail

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 37.5479, 0.3415, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

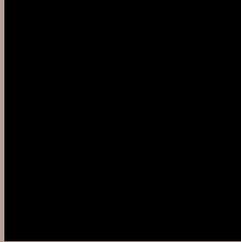
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

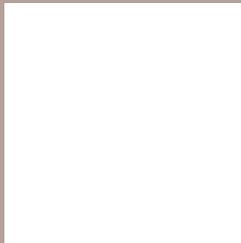
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.5479, 0.3415, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 37.5479, 0.3415, 0.3429.



This preview shows how white text looks on a background with the Yxy color 37.5479, 0.3415, 0.3429.

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

37.5479, 0.3415, 0.3429

Protanopia

37.5088, 0.3292, 0.3447

Deuteranopia

37.4697, 0.3470, 0.3400



Tritanopia

37.5463, 0.3271, 0.3129

Trichromacy



Original Color

37.5479, 0.3415, 0.3429

Protanomaly

37.5753, 0.3342, 0.3445

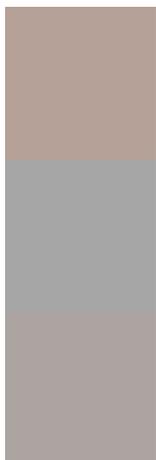
Deuteranomaly

37.5663, 0.3447, 0.3414

Tritanomaly

37.5079, 0.3325, 0.3236

Monochromacy



Original Color

37.5479, 0.3415, 0.3429

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.7821, 0.3220, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5479, 0.3415, 0.3429 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(181, 161, 151)` looks like.

```
.text, #text, p{  
    color:rgb(181, 161, 151)  
}
```

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(181, 161, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 161, 151) }
```

Border

The CSS property to change the border of an element to Yxy 37.5479, 0.3415, 0.3429 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(181, 161, 151) }
```

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

```
.border{ border-color:rgb(181, 161, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 161, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 161, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 161, 151);  
box-shadow:4px 4px 4px 4px rgb(181, 161,  
151) }
```

Background

The CSS property to change the background color of an element to Yxy 37.5479, 0.3415, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 161, 151) }
```

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

```
.background{ background-color: rgb(181,  
161, 151) }
```

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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