

Converting Colors

$Yxy(39.5797, 0.3326, 0.3458)$

Have a look what the booklet for
Yxy(39.5797, 0.3326, 0.3458)
contains.

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Color

Yxy(39.3511, 0.3327, 0.3457)

Conversions

Conversions Part 1

Format	Color
Hex	B1A79B
RGB	177, 167, 155
RGB Percent	69%, 65%, 61%
CMY	0.3058, 0.3451, 0.3922
CMYK	0.00, 0.06, 0.12, 0.31
HSL	33°, 12%, 65%
HSV	33°, 12%, 69%
XYZ	37.8713, 39.3511, 36.6078
YIQ	168.6220, 9.8120, -1.6120

Conversions

Conversions Part 2

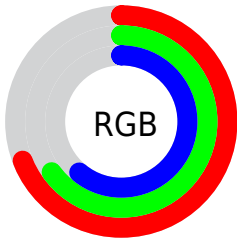
Format	Color
RYB	173, 177, 155
Decimal	11642779
CIELab	69.00, 1.53, 7.49
CIELCh	69, 7.644, 78.484
Yxy	39.3511, 0.3327, 0.3457
Android (android.graphics.Color)	4289832859 (0xFFB1A79B)
YUV	168.6220, -6.7156, 7.3475
Hunter-Lab	62.7305, -2.0152, 9.3113

Details

The Yxy color **39.3511, 0.3327, 0.3457** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.0656, 0.2936, 0.3117**, and the grayscale version is **39.5124, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1696, 0.3294, 0.3429**, and **17.5460, 0.3383, 0.3504** is the 20% darker color. If you saturate the color by 10%, you get **35.9383, 0.3511, 0.3599**, and if you desaturate by 10%, it is **43.0388, 0.3164, 0.3322**.

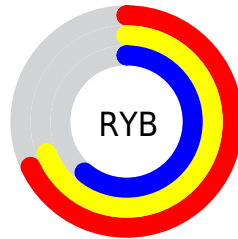
Distribution



Red (69%)

Green (65%)

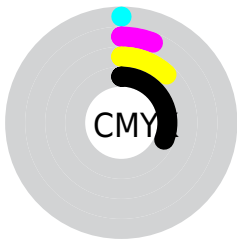
Blue (61%)



Red (68%)

Yellow (69%)

Blue (61%)

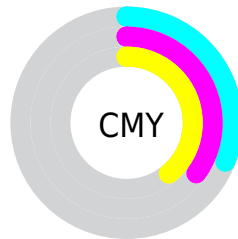


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (31%)



Cyan (31%)


Magenta (35%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3511, 0.3327, 0.3457 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 39.3511, 0.3327, 0.3457 by changing the saturation by 10% instead.


 39.3511, 0.3327,
0.3457


 39.3511, 0.3327,
0.3457

343.3809, 0.3224,
0.3372

 27.0330, 0.3354,
0.3479


 74.1744, 0.3289,
0.3425

 17.5980, 0.3389,
0.3508


 97.4483, 0.3275,
0.3414

 10.6618, 0.3436,
0.3547


125.1430, 0.3263,
0.3404

 5.8399, 0.3505,
0.3602

157.6427, 0.3253,
0.3396

 2.7480, 0.3613,
0.3688

195.3320, 0.3244,
0.3388

 1.0016, 0.3884,
0.3918

238.5952, 0.3237,

 0.0000, 0.0000,

0.3382

0.0000

287.8167, 0.3230,
0.3376

■ 39.3511, 0.3327,
0.3457

■ 39.3511, 0.3327,
0.3457

■ 35.9383, 0.3511,
0.3599

■ 43.0388, 0.3164,
0.3322

■ 32.7881, 0.3716,
0.3743

■ 47.0029, 0.3020,
0.3195

■ 29.8947, 0.3942,
0.3886

■ 51.2518, 0.2894,
0.3077

■ 27.2503, 0.4184,
0.4018

■ 55.7916, 0.2784,
0.2969

■ 24.8462, 0.4436,
0.4131

■ 60.6285, 0.2687,
0.2869

■ 22.6736, 0.4688,
0.4211

■ 65.3614, 0.2634,
0.2842

■ 20.7221, 0.4925,
0.4248

■ 69.5788, 0.2645,
0.2936

■ 18.9806, 0.5133,
0.4233

■ 74.0016, 0.2656,
0.3028

■ 17.7900, 0.5273,
0.4195

■ 78.6325, 0.2666,
0.3119

Harmonies

Analogous

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



39.3511, 0.3350, 0.3382



39.3511, 0.3327, 0.3457



39.3511, 0.3250, 0.3488

Triad

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



39.3511, 0.3327, 0.3457



39.3511, 0.2946, 0.3291



39.3511, 0.3110, 0.3124

Complementary

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



39.3511, 0.3327, 0.3457



37.0656, 0.2936, 0.3117

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.



39.3511, 0.3003, 0.3098



39.3511, 0.3327, 0.3457



39.3511, 0.2910, 0.3192

Square

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



39.3511, 0.3327, 0.3457



39.3511, 0.3030, 0.3392



39.3511, 0.2930, 0.3122



39.3511, 0.3223, 0.3192

Rectangle

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



39.3511, 0.3327, 0.3457



39.3511, 0.3179, 0.3479



39.3511, 0.2930, 0.3122



39.3511, 0.3072, 0.3110

Sweetspot

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



39.3528, 0.3327, 0.3457



75.9477, 0.3189, 0.3343



35.5191, 0.3250, 0.3147



16.3509, 0.3201, 0.3353



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



39.3528, 0.3327, 0.3457



68.6866, 0.3376, 0.3496



43.0875, 0.3303, 0.3592



9.2464, 0.3274, 0.3414



13.0073, 0.5258, 0.4207



0.5241, 0.4886, 0.4502

Inverse Universe

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



37.0656, 0.2936, 0.3117



63.7635, 0.2892, 0.3075



33.6582, 0.2940, 0.2970



8.8465, 0.2985, 0.3163



6.6407, 0.1738, 0.1458



0.3260, 0.1890, 0.2002

Previews

White Background



This preview shows how the Yxy color 39.3511, 0.3327, 0.3457 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 39.3511, 0.3327, 0.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

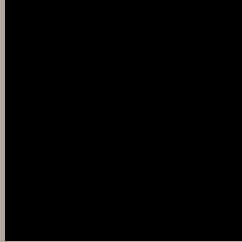
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

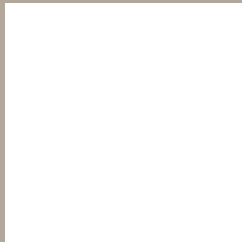
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.3511, 0.3327, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 39.3511, 0.3327, 0.3457.

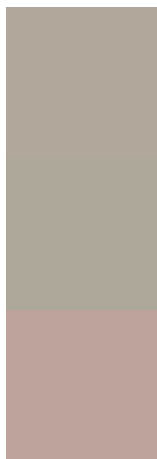


This preview shows how white text looks on a background with the Yxy color 39.3511, 0.3327, 0.3457.

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

39.3511, 0.3327, 0.3457

Protanopia

39.3705, 0.3296, 0.3472

Deuteranopia

39.4135, 0.3442, 0.3385



Tritanopia

39.4285, 0.3163, 0.3115

Trichromacy



Original Color

39.3511, 0.3327, 0.3457

Protanomaly

39.4858, 0.3306, 0.3472

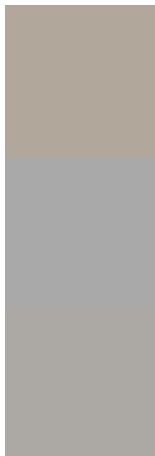
Deuteranomaly

39.2655, 0.3401, 0.3399

Tritanomaly

39.3585, 0.3223, 0.3236

Monochromacy



Original Color

39.3511, 0.3327, 0.3457

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.4563, 0.3198, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3511, 0.3327, 0.3457 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(177, 167, 155)` looks like.

```
.text, #text, p{  
    color:rgb(177, 167, 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(177, 167, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 167, 155) }
```

Border

The CSS property to change the border of an element to Yxy 39.3511, 0.3327, 0.3457 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(177, 167, 155) }
```

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

```
.border{ border-color:rgb(177, 167, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 167, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 167, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 167, 155);  
box-shadow:4px 4px 4px 4px rgb(177, 167,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3511, 0.3327, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 167, 155) }
```

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

```
.background{ background-color: rgb(177,  
167, 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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