

Converting Colors

Yxy(39.6166, 0.3332, 0.3444)

Have a look what the booklet for
Yxy(39.6166, 0.3332, 0.3444)
contains.

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Color

Yxy(39.6214, 0.3337, 0.3442)

Conversions

Conversions Part 1	
Format	Color
Hex	B3A79C
RGB	179, 167, 156
RGB Percent	70%, 65%, 61%
CMY	0.2980, 0.3451, 0.3882
CMYK	0.00, 0.07, 0.13, 0.30
HSL	29°, 13%, 66%
HSV	29°, 13%, 70%
XYZ	38.4127, 39.6214, 37.0774
YIQ	169.3340, 10.6830, -0.8770

Conversions

Conversions Part 2

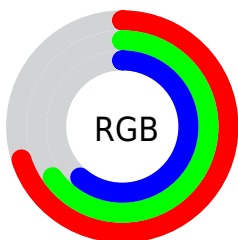
Format	Color
RYB	179, 177, 156
Decimal	11773852
CIELab	69.20, 2.43, 7.23
CIELCh	69, 7.631, 71.400
Yxy	39.6214, 0.3337, 0.3442
Android (android.graphics.Color)	4289963932 (0xFFB3A79C)
YUV	169.3340, -6.5737, 8.4771
Hunter-Lab	62.9455, -1.2244, 9.1377

Details

The Yxy color **39.6214, 0.3337, 0.3442** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.3372, 0.2930, 0.3133**, and the grayscale version is **39.8812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5579, 0.3301, 0.3418**, and **17.7170, 0.3397, 0.3482** is the 20% darker color. If you saturate the color by 10%, you get **35.7581, 0.3527, 0.3567**, and if you desaturate by 10%, it is **43.8252, 0.3171, 0.3323**.

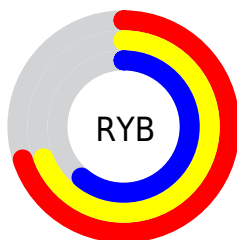
Distribution



Red (70%)

Green (65%)

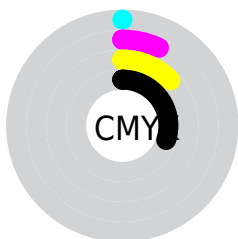
Blue (61%)



Red (70%)

Yellow (69%)

Blue (61%)

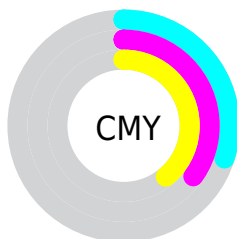


Cyan (0%)

Magenta (7%)

Yellow (13%)

Black (30%)



Cyan (30%)


Magenta (35%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6214, 0.3337, 0.3442 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 39.6214, 0.3337, 0.3442 by changing the saturation by 10% instead.


 39.6214, 0.3337,
0.3442

 39.6214, 0.3337,
0.3442


344.5252, 0.3229,
0.3365

 27.2435, 0.3365,
0.3462


 74.5867, 0.3297,
0.3413

 17.7562, 0.3402,
0.3488


 97.9428, 0.3282,
0.3403

 10.7751, 0.3452,
0.3522


125.7271, 0.3270,
0.3394

 5.9158, 0.3524,
0.3572

158.3240, 0.3259,
0.3386

 2.7939, 0.3637,
0.3648

196.1178, 0.3250,
0.3380

 1.0251, 0.3901,
0.3840

239.4931, 0.3242,

 0.0000, 0.0000,

0.3374

0.0000


288.8341, 0.3235,
0.3369


 39.6214, 0.3337,
0.3442

 39.6214, 0.3337,
0.3442


 35.7581, 0.3527,
0.3567


 43.8252, 0.3171,
0.3323


 32.2211, 0.3743,
0.3696


 48.3730, 0.3026,
0.3211

 29.0024, 0.3984,
0.3822


 53.2749, 0.2900,
0.3108


 26.0920, 0.4247,
0.3938


 58.5389, 0.2791,
0.3012


 23.4792, 0.4526,
0.4035


 64.1727, 0.2696,
0.2925


 21.1524, 0.4809,
0.4099


 69.6300, 0.2656,
0.2933

 19.0989, 0.5078,
0.4119

 74.7672, 0.2668,
0.3040

 17.3046, 0.5316,
0.4087

 80.1845, 0.2680,
0.3144

 16.1660, 0.5469,
0.4040

 85.8863, 0.2691,
0.3247

Harmonies

Analogous

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



39.6214, 0.3345, 0.3360



39.6214, 0.3337, 0.3442



39.6214, 0.3272, 0.3485

Triad

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



39.6214, 0.3337, 0.3442



39.6214, 0.2962, 0.3315



39.6214, 0.3083, 0.3114

Complementary

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



39.6214, 0.3337, 0.3442



38.3372, 0.2930, 0.3133

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.



39.6214, 0.2983, 0.3100



39.6214, 0.3337, 0.3442



39.6214, 0.2914, 0.3214

Square

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



39.6214, 0.3337, 0.3442



39.6214, 0.3055, 0.3412



39.6214, 0.2921, 0.3135



39.6214, 0.3198, 0.3173

Rectangle

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



39.6214, 0.3337, 0.3442



39.6214, 0.3205, 0.3484



39.6214, 0.2921, 0.3135



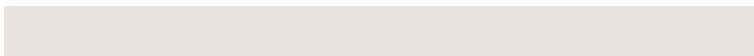
39.6214, 0.3047, 0.3104

Sweetspot

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



39.6232, 0.3337, 0.3442



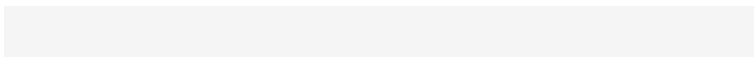
77.5285, 0.3190, 0.3337



36.2018, 0.3240, 0.3122



17.0482, 0.3201, 0.3346



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.



39.6232, 0.3337, 0.3442



69.2351, 0.3380, 0.3472



43.9260, 0.3317, 0.3592



9.1527, 0.3276, 0.3399



11.5503, 0.5450, 0.4055



0.4805, 0.5012, 0.4402

Inverse Universe

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



38.3372, 0.2930, 0.3133



66.5472, 0.2893, 0.3101



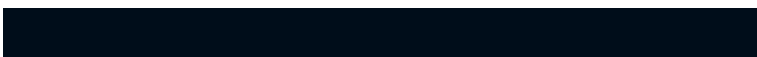
34.3608, 0.2926, 0.2969



8.9399, 0.2985, 0.3179



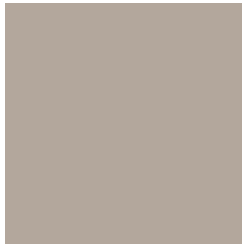
8.0228, 0.1799, 0.1676



0.3684, 0.1936, 0.2168

Previews

White Background



This preview shows how the Yxy color 39.6214, 0.3337, 0.3442 looks on a white background.

Color Contrast Check

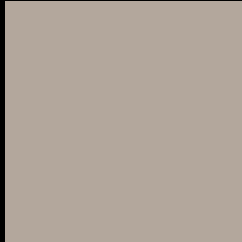
Large Text (above 18pt) WCAG AA × Fail

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 39.6214, 0.3337, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

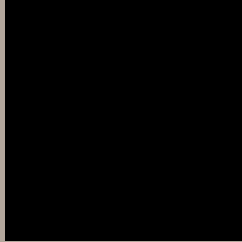
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

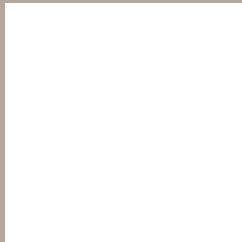
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.6214, 0.3337, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 39.6214, 0.3337, 0.3442.

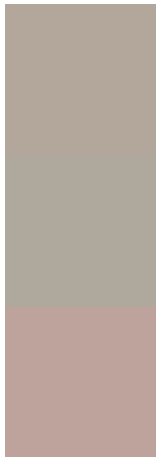


This preview shows how white text looks on a background with the Yxy color 39.6214, 0.3337, 0.3442.

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

39.6214, 0.3337, 0.3442

Protanopia

39.5535, 0.3288, 0.3444

Deuteranopia

39.5759, 0.3443, 0.3371



Tritanopia

39.6703, 0.3182, 0.3117

Trichromacy



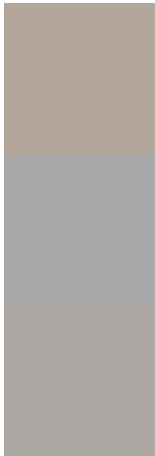
Original Color
39.6214, 0.3337, 0.3442

Protanomaly
39.6697, 0.3298, 0.3443

Deuteranomaly
39.4243, 0.3401, 0.3385

Tritanomaly
39.5986, 0.3242, 0.3236

Monochromacy



Original Color
39.6214, 0.3337, 0.3442

Achromatopsia
39.6755, 0.3127, 0.3290

Achromatomaly
39.5698, 0.3208, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6214, 0.3337, 0.3442 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(179, 167, 156)` looks like.

```
.text, #text, p{  
    color:rgb(179, 167, 156)  
}
```

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(179, 167, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 167, 156) }
```

Border

The CSS property to change the border of an element to Yxy 39.6214, 0.3337, 0.3442 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(179, 167, 156) }
```

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

```
.border{ border-color:rgb(179, 167, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 167, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 167, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 167, 156);  
box-shadow:4px 4px 4px 4px rgb(179, 167,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6214, 0.3337, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 167, 156) }
```

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

```
.background{ background-color: rgb(179,  
167, 156) }
```

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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