

Converting Colors

$Yxy(36.4845, 0.3239, 0.3143)$

Have a look what the booklet for
Yxy(36.4845, 0.3239, 0.3143)
contains.

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Color

Yxy(36.5248, 0.3242, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	B39DA8
RGB	179, 157, 168
RGB Percent	70%, 62%, 66%
CMY	0.2979, 0.3844, 0.3412
CMYK	0.00, 0.12, 0.06, 0.30
HSL	330°, 13%, 66%
HSV	330°, 12%, 70%
XYZ	37.7233, 36.5248, 42.1100
YIQ	164.8320, 9.5810, 8.0850

Conversions

Conversions Part 2

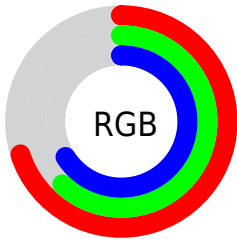
Format	Color
R _Y B	179, 157, 168
Decimal	11771304
CIE Lab	66.92, 10.04, -2.75
CIE LCh	67, 10.407, 344.669
Yxy	36.5248, 0.3242, 0.3139
Android (android.graphics.Color)	4289961384 (0xFFB39DA8)
YUV	164.8320, 1.5618, 12.4253
Hunter-Lab	60.4358, 5.6550, 0.9934

Details

The Yxy color **36.5248, 0.3242, 0.3139** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.2535, 0.3026, 0.3446**, and the grayscale version is **37.5341, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0768, 0.3221, 0.3174**, and **16.0046, 0.3275, 0.3100** is the 20% darker color. If you saturate the color by 10%, you get **30.5833, 0.3356, 0.3010**, and if you desaturate by 10%, it is **43.3803, 0.3147, 0.3262**.

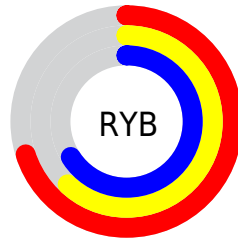
Distribution



Red (70%)

Green (62%)

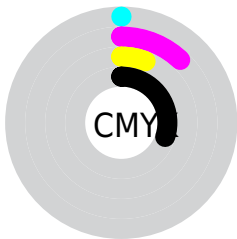
Blue (66%)



Red (70%)

Yellow (62%)

Blue (66%)

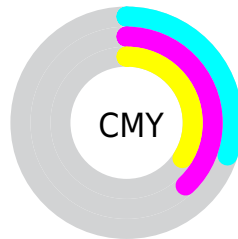


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (30%)



Cyan (30%)


Magenta (38%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5248, 0.3242, 0.3139 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 36.5248, 0.3242, 0.3139 by changing the saturation by 10% instead.

 36.5248, 0.3242,
0.3139


 36.5248, 0.3242,
0.3139

331.2486, 0.3183,
0.3217

 24.8398, 0.3257,
0.3119


 69.8413, 0.3220,
0.3168

 15.9577, 0.3278,
0.3092


 92.2416, 0.3212,
0.3178

 9.4942, 0.3306,
0.3056


118.9824, 0.3205,
0.3187

 5.0649, 0.3346,
0.3004

150.4482, 0.3199,
0.3195

 2.2854, 0.3410,
0.2922

187.0233, 0.3194,
0.3202

 0.7660, 0.3533,
0.2762


229.0921, 0.3190,

 0.0000, 0.0000,


0.3207

0.0000


277.0391, 0.3186,
0.3212


 36.5248, 0.3242,
0.3139


 36.5248, 0.3242,
0.3139

 30.5833, 0.3356,
0.3010


 43.3803, 0.3147,
0.3262


 25.5121, 0.3493,
0.2877


 51.1815, 0.3068,
0.3378


 21.2711, 0.3654,
0.2747

 59.9647, 0.3003,
0.3486

 17.8149, 0.3842,
0.2627

 69.7625, 0.2949,
0.3584

 15.0941, 0.4054,
0.2526

 80.6063, 0.2904,
0.3675

■ 13.0533, 0.4286,
0.2457

■ 86.3708, 0.2861,
0.3661

■ 11.6294, 0.4530,
0.2431

■ 86.8636, 0.2816,
0.3558

■ 10.7470, 0.4773,
0.2457

■ 87.3822, 0.2771,
0.3457

■ 10.3177, 0.4957,
0.2504

■ 87.9272, 0.2727,
0.3358

Harmonies

Analogous

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



36.5248, 0.3082, 0.3052



36.5248, 0.3242, 0.3139



36.5248, 0.3373, 0.3265

Triad

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



36.5248, 0.3242, 0.3139



36.5248, 0.3315, 0.3566



36.5248, 0.2827, 0.3167

Complementary

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



36.5248, 0.3242, 0.3139



42.2535, 0.3026, 0.3446

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.



36.5248, 0.2886, 0.3308



36.5248, 0.3242, 0.3139



36.5248, 0.3166, 0.3544

Square

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



36.5248, 0.3242, 0.3139



36.5248, 0.3415, 0.3511



36.5248, 0.3009, 0.3449



36.5248, 0.2846, 0.3064

Rectangle

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



36.5248, 0.3242, 0.3139



36.5248, 0.3425, 0.3356



36.5248, 0.3009, 0.3449



36.5248, 0.2839, 0.3212

Sweetspot

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



36.5264, 0.3242, 0.3139



75.3841, 0.3162, 0.3241



35.6931, 0.3037, 0.2982



16.4900, 0.3169, 0.3232



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.



36.5264, 0.3242, 0.3139



62.0942, 0.3273, 0.3102



36.1329, 0.3346, 0.3291



8.5737, 0.3212, 0.3177



7.3000, 0.4931, 0.2490



0.2415, 0.4329, 0.2158

Inverse Universe

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



36.5264, 0.3242, 0.3139



62.0942, 0.3273, 0.3102



42.6819, 0.2942, 0.3289



8.5737, 0.3212, 0.3177



7.3000, 0.4931, 0.2490



0.2415, 0.4329, 0.2158

Previews

White Background



This preview shows how the Yxy color 36.5248, 0.3242, 0.3139 looks on a white background.

Color Contrast Check

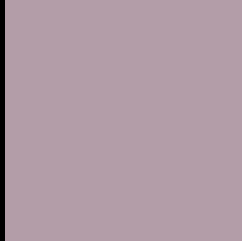
Large Text (above 18pt) WCAG AA × Fail

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 36.5248, 0.3242, 0.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

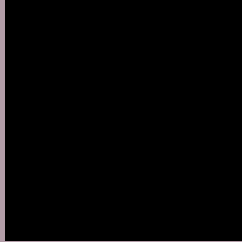
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

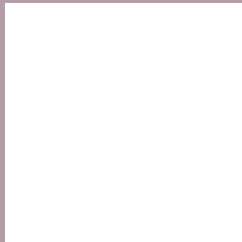
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.5248, 0.3242, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 36.5248, 0.3242, 0.3139.



This preview shows how white text looks on a background with the Yxy color 36.5248, 0.3242, 0.3139.

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

36.5248, 0.3242, 0.3139

Protanopia

36.5675, 0.3058, 0.3162

Deuteranopia

36.5110, 0.3211, 0.3152



Tritanopia

36.5622, 0.3232, 0.3126

Trichromacy



Original Color

36.5248, 0.3242, 0.3139

Protanomaly

36.4789, 0.3124, 0.3149

Deuteranomaly

36.6280, 0.3221, 0.3152

Tritanomaly

36.5622, 0.3232, 0.3126

Monochromacy



Original Color

36.5248, 0.3242, 0.3139

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.1399, 0.3168, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5248, 0.3242, 0.3139 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, 157, 168)` looks like.

```
.text, #text, p{  
    color:rgb(179, 157, 168)  
}
```

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, 157, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 157, 168) }
```

Border

The CSS property to change the border of an element to Yxy 36.5248, 0.3242, 0.3139 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, 157, 168) }
```

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

```
.border{ border-color:rgb(179, 157, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 157, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 157, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 157, 168);  
box-shadow:4px 4px 4px 4px rgb(179, 157,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5248, 0.3242, 0.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 157, 168) }
```

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

```
.background{ background-color: rgb(179,  
157, 168) }
```

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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