

Converting Colors

$Yxy(36.8357, 0.3341, 0.3350)$

Have a look what the booklet for
Yxy(36.8357, 0.3341, 0.3350)
contains.

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Color

Yxy(36.9731, 0.3349, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	B2A09B
RGB	178, 160, 155
RGB Percent	70%, 63%, 61%
CMY	0.3019, 0.3726, 0.3921
CMYK	0.00, 0.10, 0.13, 0.30
HSL	13°, 13%, 65%
HSV	13°, 13%, 70%
XYZ	36.8521, 36.9731, 36.2138
YIQ	164.8120, 12.3330, 2.2610

Conversions

Conversions Part 2

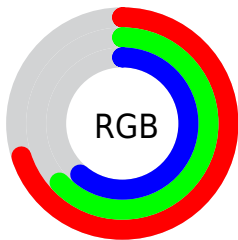
Format	Color
RYB	178, 161, 155
Decimal	11706523
CIELab	67.26, 5.73, 4.98
CIELCh	67, 7.589, 40.977
Yxy	36.9731, 0.3349, 0.3360
Android (android.graphics.Color)	4289896603 (0xFFB2A09B)
YUV	164.8120, -4.8373, 11.5659
Hunter-Lab	60.8055, 1.7729, 7.2526

Details

The Yxy color **36.9731, 0.3349, 0.3360** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.0912, 0.2932, 0.3219**, and the grayscale version is **37.5536, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6968, 0.3309, 0.3355**, and **16.2967, 0.3415, 0.3388** is the 20% darker color. If you saturate the color by 10%, you get **31.8509, 0.3561, 0.3418**, and if you desaturate by 10%, it is **42.7297, 0.3173, 0.3305**.

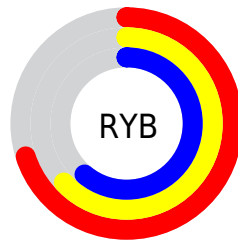
Distribution



Red (70%)

Green (63%)

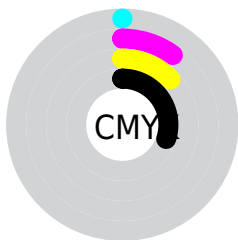
Blue (61%)



Red (70%)

Yellow (63%)

Blue (61%)

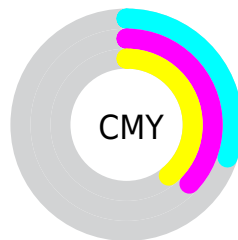


Cyan (0%)

Magenta (10%)

Yellow (13%)

Black (30%)



Cyan (30%)


Magenta (37%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9731, 0.3349, 0.3360 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 36.9731, 0.3349, 0.3360 by changing the saturation by 10% instead.


 36.9731, 0.3349,
0.3360


 36.9731, 0.3349,
0.3360


333.1940, 0.3233,
0.3325

 25.1867, 0.3380,
0.3369


 70.5314, 0.3306,
0.3347

 16.2162, 0.3420,
0.3381


 93.0721, 0.3290,
0.3342

 9.6773, 0.3476,
0.3396


119.9663, 0.3277,
0.3338

 5.1855, 0.3557,
0.3418

151.5984, 0.3265,
0.3335

 2.3565, 0.3689,
0.3450

188.3528, 0.3256,
0.3332

 0.8034, 0.4049,
0.3594

230.6140, 0.3247,

 0.0000, 0.0000,

0.3329

0.0000

278.7663, 0.3240,
0.3327

■ 36.9731, 0.3349,
0.3360

■ 36.9731, 0.3349,
0.3360

■ 31.8509, 0.3561,
0.3418

■ 42.7297, 0.3173,
0.3305

■ 27.3365, 0.3815,
0.3478

■ 49.1365, 0.3026,
0.3255

■ 23.4085, 0.4115,
0.3536

■ 56.2146, 0.2904,
0.3208

■ 20.0426, 0.4461,
0.3587

■ 63.9831, 0.2802,
0.3166

■ 17.2126, 0.4847,
0.3624

■ 72.4600, 0.2716,
0.3128

■ 14.8902, 0.5251,
0.3636

■ 81.2146, 0.2677,
0.3166

■ 13.0443, 0.5637,
0.3614

■ 88.2074, 0.2691,
0.3289

■ 11.6402, 0.5959,
0.3556

■ 10.8855, 0.6142,
0.3505

Harmonies

Analogous

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



36.9731, 0.3296, 0.3260



36.9731, 0.3349, 0.3360



36.9731, 0.3341, 0.3444

Triad

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



36.9731, 0.3349, 0.3360



36.9731, 0.3055, 0.3415



36.9731, 0.2979, 0.3097

Complementary

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



36.9731, 0.3349, 0.3360



40.0912, 0.2932, 0.3219

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.



36.9731, 0.2917, 0.3133



36.9731, 0.3349, 0.3360



36.9731, 0.2961, 0.3317

Square

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



36.9731, 0.3349, 0.3360



36.9731, 0.3170, 0.3478



36.9731, 0.2911, 0.3214



36.9731, 0.3081, 0.3110

Rectangle

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



36.9731, 0.3349, 0.3360



36.9731, 0.3303, 0.3479



36.9731, 0.2911, 0.3214



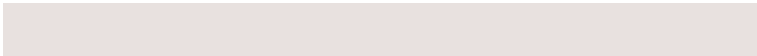
36.9731, 0.2953, 0.3103

Sweetspot

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



36.9747, 0.3349, 0.3360



76.2083, 0.3191, 0.3311



35.9509, 0.3184, 0.3038



16.7042, 0.3204, 0.3315



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.



36.9747, 0.3349, 0.3360



63.7894, 0.3416, 0.3379



41.0063, 0.3329, 0.3512



8.7934, 0.3282, 0.3340



7.8648, 0.6124, 0.3520



0.3328, 0.5598, 0.3937

Inverse Universe

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



40.0912, 0.2932, 0.3219



70.7435, 0.2881, 0.3199



35.9990, 0.2928, 0.3058



9.3135, 0.2986, 0.3240



15.7124, 0.2053, 0.2589



0.5722, 0.2113, 0.2806

Previews

White Background



This preview shows how the Yxy color 36.9731, 0.3349, 0.3360 looks on a white background.

Color Contrast Check

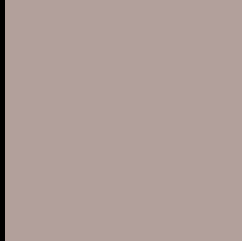
Large Text (above 18pt) WCAG AA × Fail

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 36.9731, 0.3349, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

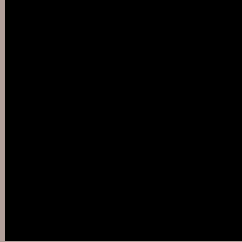
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9731, 0.3349, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 36.9731, 0.3349, 0.3360.



This preview shows how white text looks on a background with the Yxy color 36.9731, 0.3349, 0.3360.

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

36.9731, 0.3349, 0.3360

Protanopia

36.9535, 0.3228, 0.3376

Deuteranopia

36.8876, 0.3403, 0.3332



Tritanopia

37.0593, 0.3232, 0.3127

Trichromacy



Original Color

36.9731, 0.3349, 0.3360

Protanomaly

37.0116, 0.3277, 0.3375

Deuteranomaly

36.9866, 0.3381, 0.3346

Tritanomaly

37.0966, 0.3267, 0.3208

Monochromacy



Original Color

36.9731, 0.3349, 0.3360

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.3136, 0.3211, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9731, 0.3349, 0.3360 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(178, 160, 155)` looks like.

```
.text, #text, p{  
    color:rgb(178, 160, 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(178, 160, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 160, 155) }
```

Border

The CSS property to change the border of an element to Yxy 36.9731, 0.3349, 0.3360 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(178, 160, 155) }
```

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

```
.border{ border-color:rgb(178, 160, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 160, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 160, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 160, 155);  
box-shadow:4px 4px 4px 4px rgb(178, 160,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9731, 0.3349, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 160, 155) }
```

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

```
.background{ background-color: rgb(178,  
160, 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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