

Converting Colors

$Y_{xy}(37.0738, 0.3334, 0.3261)$

Have a look what the booklet for
Yxy(37.0738, 0.3334, 0.3261)
contains.

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Color

Yxy(36.9720, 0.3336, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	B69EA1
RGB	182, 158, 161
RGB Percent	71%, 62%, 63%
CMY	0.2861, 0.3805, 0.3686
CMYK	0.00, 0.13, 0.12, 0.29
HSL	352°, 14%, 67%
HSV	352°, 13%, 71%
XYZ	37.9620, 36.9720, 38.8610
YIQ	165.5180, 13.3410, 6.0210

Conversions

Conversions Part 2

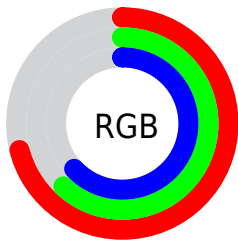
Format	Color
RYB	182, 158, 161
Decimal	11968161
CIELab	67.26, 9.36, 1.68
CIELCh	67, 9.507, 10.166
Yxy	36.9720, 0.3336, 0.3249
Android (android.graphics.Color)	4290158241 (0xFFB69EA1)
YUV	165.5180, -2.2274, 14.4547
Hunter-Lab	60.8046, 5.0345, 4.6702

Details

The Yxy color **36.9720, 0.3336, 0.3249** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.0017, 0.2951, 0.3332**, and the grayscale version is **37.8985, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7235, 0.3292, 0.3259**, and **16.3083, 0.3396, 0.3234** is the 20% darker color. If you saturate the color by 10%, you get **30.6907, 0.3538, 0.3216**, and if you desaturate by 10%, it is **44.2481, 0.3173, 0.3280**.

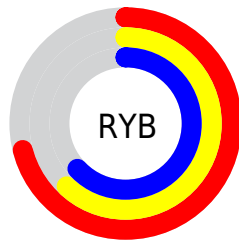
Distribution



Red (71%)

Green (62%)

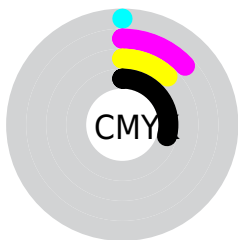
Blue (63%)



Red (71%)

Yellow (62%)

Blue (63%)

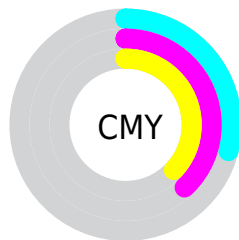


Cyan (0%)

Magenta (13%)

Yellow (12%)

Black (29%)



Cyan (29%)


Magenta (38%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9720, 0.3336, 0.3249 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 36.9720, 0.3336, 0.3249 by changing the saturation by 10% instead.


 36.9720, 0.3336,
0.3249


 36.9720, 0.3336,
0.3249


333.1893, 0.3227,
0.3271

 25.1858, 0.3365,
0.3243


 70.5297, 0.3295,
0.3257

 16.2155, 0.3402,
0.3235


 93.0700, 0.3280,
0.3260

 9.6768, 0.3455,
0.3224


119.9639, 0.3268,
0.3263

 5.1852, 0.3531,
0.3207

151.5956, 0.3257,
0.3265

 2.3563, 0.3653,
0.3180

188.3496, 0.3248,
0.3267

 0.8033, 0.3908,
0.3136


230.6103, 0.3240,


 0.0000, 0.0000,

0.3268

0.0000


278.7620, 0.3233,
0.3270

 36.9720, 0.3336,
0.3249


 36.9720, 0.3336,
0.3249


 30.6907, 0.3538,
0.3216


 44.2481, 0.3173,
0.3280


 25.3562, 0.3788,
0.3182


 52.5543, 0.3041,
0.3309

 20.9241, 0.4093,
0.3150

 61.9304, 0.2934,
0.3336

 17.3442, 0.4455,
0.3123

 72.4126, 0.2848,
0.3360

 14.5619, 0.4868,
0.3108

 84.0354, 0.2777,
0.3382

■ 12.5157, 0.5307,
0.3109

■ 88.6919, 0.2711,
0.3289

■ 11.1354, 0.5726,
0.3133

■ 10.3370, 0.6067,
0.3180

■ 10.0135, 0.6239,
0.3211

Harmonies

Analogous

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



36.9720, 0.3211, 0.3138



36.9720, 0.3336, 0.3249



36.9720, 0.3405, 0.3373

Triad

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



36.9720, 0.3336, 0.3249



36.9720, 0.3184, 0.3528



36.9720, 0.2864, 0.3096

Complementary

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



36.9720, 0.3336, 0.3249



44.0017, 0.2951, 0.3332

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.



36.9720, 0.2857, 0.3197



36.9720, 0.3336, 0.3249



36.9720, 0.3040, 0.3450

Square

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



36.9720, 0.3336, 0.3249



36.9720, 0.3316, 0.3538



36.9720, 0.2921, 0.3327



36.9720, 0.2939, 0.3049

Rectangle

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



36.9720, 0.3336, 0.3249



36.9720, 0.3408, 0.3448



36.9720, 0.2921, 0.3327



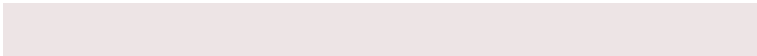
36.9720, 0.2854, 0.3124

Sweetspot

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



36.9736, 0.3336, 0.3249



78.9818, 0.3185, 0.3278



37.3930, 0.3112, 0.2966



17.2138, 0.3197, 0.3276



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



36.9736, 0.3336, 0.3249



63.3311, 0.3393, 0.3239



39.9877, 0.3349, 0.3411



9.0301, 0.3268, 0.3261



7.0722, 0.6219, 0.3200



0.2553, 0.5681, 0.2903

Inverse Universe

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



36.9736, 0.3336, 0.3249



63.3311, 0.3393, 0.3239



40.6222, 0.2925, 0.3166



9.0301, 0.3268, 0.3261



7.0722, 0.6219, 0.3200



0.2553, 0.5681, 0.2903

Previews

White Background



This preview shows how the Yxy color 36.9720, 0.3336, 0.3249 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 36.9720, 0.3336, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

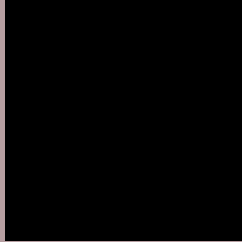
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9720, 0.3336, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 36.9720, 0.3336, 0.3249.



This preview shows how white text looks on a background with the Yxy color 36.9720, 0.3336, 0.3249.

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

36.9720, 0.3336, 0.3249

Protanopia

37.0902, 0.3156, 0.3276

Deuteranopia

37.1932, 0.3324, 0.3263



Tritanopia

37.0458, 0.3272, 0.3128

Trichromacy



Original Color

36.9720, 0.3336, 0.3249

Protanomaly

36.9047, 0.3215, 0.3262

Deuteranomaly

37.1932, 0.3324, 0.3263

Tritanomaly

36.9344, 0.3300, 0.3168

Monochromacy



Original Color

36.9720, 0.3336, 0.3249

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.6454, 0.3204, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9720, 0.3336, 0.3249 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(182, 158, 161)` looks like.

```
.text, #text, p{  
    color:rgb(182, 158, 161)  
}
```

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(182, 158, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 158, 161) }
```

Border

The CSS property to change the border of an element to Yxy 36.9720, 0.3336, 0.3249 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(182, 158, 161) }
```

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

```
.border{ border-color:rgb(182, 158, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 158, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 158, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 158, 161);  
box-shadow:4px 4px 4px 4px rgb(182, 158,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9720, 0.3336, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 158, 161) }
```

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

```
.background{ background-color: rgb(182,  
158, 161) }
```

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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