

Converting Colors

$Yxy(35.8563, 0.3363, 0.3302)$

Have a look what the booklet for
Yxy(35.8563, 0.3363, 0.3302)
contains.

| | |
|---|----|
| Yxy(35.7272, 0.3366, 0.3305) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(35.7272, 0.3366, 0.3305)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B39C9B |
| RGB | 179, 156, 155 |
| RGB Percent | 70%, 61%, 61% |
| CMY | 0.2982, 0.3881, 0.3922 |
| CMYK | 0.00, 0.13, 0.13, 0.30 |
| HSL | 3°, 14%, 65% |
| HSV | 3°, 13%, 70% |
| XYZ | 36.3866, 35.7272, 35.9866 |
| YIQ | 162.7630, 14.0290, 4.5650 |

Conversions

Conversions Part 2

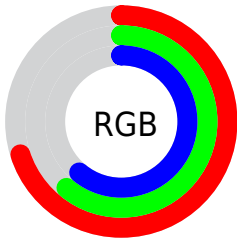
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 179, 156, 155 |
| Decimal | 11771035 |
| CIELab | 66.31, 8.27, 3.64 |
| CIELCh | 66, 9.030, 23.746 |
| Yxy | 35.7272, 0.3366, 0.3305 |
| Android (android.graphics.Color) | 4289961115 (0xFFB39C9B) |
| YUV | 162.7630, -3.8272, 14.2398 |
| Hunter-Lab | 59.7722, 4.0613, 6.1443 |

Details

The Yxy color **35.7272, 0.3366, 0.3305** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.0325, 0.2926, 0.3275**, and the grayscale version is **36.5202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8541, 0.3322, 0.3312**, and **15.5382, 0.3442, 0.3310** is the 20% darker color. If you saturate the color by 10%, you get **29.8213, 0.3595, 0.3317**, and if you desaturate by 10%, it is **42.5361, 0.3181, 0.3294**.

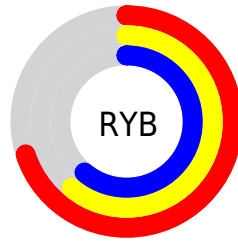
Distribution



Red (70%)

Green (61%)

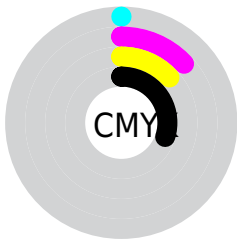
Blue (61%)



Red (70%)

Yellow (61%)

Blue (61%)

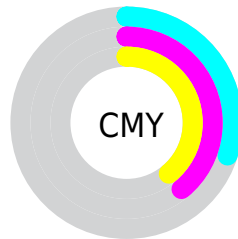


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (30%)



Cyan (30%)


Magenta (39%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7272, 0.3366, 0.3305 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 35.7272, 0.3366, 0.3305 by changing the saturation by 10% instead.


 35.7272, 0.3366,
0.3305


 35.7272, 0.3366,
0.3305


327.7666, 0.3241,
0.3298

 24.2236, 0.3399,
0.3306


 68.6108, 0.3319,
0.3303

 15.4996, 0.3444,
0.3308


 90.7596, 0.3302,
0.3302

 9.1707, 0.3505,
0.3310


117.2255, 0.3287,
0.3301

 4.8527, 0.3595,
0.3312

148.3930, 0.3275,
0.3300

 2.1611, 0.3743,
0.3312

184.6465, 0.3265,
0.3300

 0.6987, 0.4181,
0.3373

226.3703, 0.3256,

 0.0000, 0.0000,

0.3299

0.0000

273.9489, 0.3248,
0.3299

■ 35.7272, 0.3366,
0.3305

■ 35.7272, 0.3366,
0.3305

■ 29.8213, 0.3595,
0.3317

■ 42.5361, 0.3181,
0.3294

■ 24.7760, 0.3878,
0.3330

■ 50.2787, 0.3032,
0.3283

■ 20.5526, 0.4221,
0.3342

■ 58.9901, 0.2911,
0.3274

■ 17.1075, 0.4625,
0.3352

■ 68.7021, 0.2813,
0.3265

■ 14.3932, 0.5077,
0.3358

■ 79.4452, 0.2732,
0.3258

■ 12.3571, 0.5539,
0.3357

■ 88.3180, 0.2696,
0.3289

■ 10.9393, 0.5950,
0.3347

■ 10.0695, 0.6243,
0.3330

■ 9.7443, 0.6369,
0.3325

Harmonies

Analogous

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



35.7272, 0.3267, 0.3189



35.7272, 0.3366, 0.3305



35.7272, 0.3400, 0.3420

Triad

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



35.7272, 0.3366, 0.3305



35.7272, 0.3119, 0.3492



35.7272, 0.2899, 0.3076

Complementary

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



35.7272, 0.3366, 0.3305



42.0325, 0.2926, 0.3275

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.



35.7272, 0.2862, 0.3151



35.7272, 0.3366, 0.3305



35.7272, 0.2987, 0.3394

Square

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



35.7272, 0.3366, 0.3305



35.7272, 0.3255, 0.3532



35.7272, 0.2894, 0.3268



35.7272, 0.2997, 0.3058

Rectangle

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



35.7272, 0.3366, 0.3305



35.7272, 0.3380, 0.3482



35.7272, 0.2894, 0.3268



35.7272, 0.2879, 0.3095

Sweetspot

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



35.7288, 0.3366, 0.3305



75.3431, 0.3193, 0.3294



36.2401, 0.3150, 0.2976



16.4792, 0.3205, 0.3295



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.



35.7288, 0.3366, 0.3305



60.8117, 0.3427, 0.3308



39.8659, 0.3344, 0.3467



8.5617, 0.3286, 0.3300



6.9145, 0.6362, 0.3331



0.2368, 0.6205, 0.3455

Inverse Universe

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



42.0325, 0.2926, 0.3275



74.2711, 0.2884, 0.3272



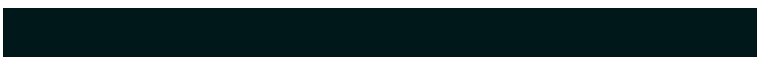
37.5574, 0.2922, 0.3107



9.5679, 0.2986, 0.3280



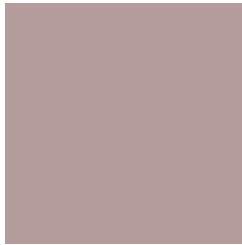
22.9969, 0.2211, 0.3158



0.7426, 0.2221, 0.3197

Previews

White Background



This preview shows how the Yxy color 35.7272, 0.3366, 0.3305 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 35.7272, 0.3366, 0.3305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

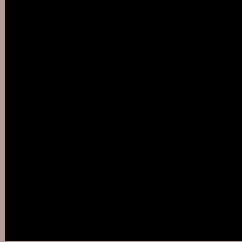
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7272, 0.3366, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 35.7272, 0.3366, 0.3305.



This preview shows how white text looks on a background with the Yxy color 35.7272, 0.3366, 0.3305.

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

35.7272, 0.3366, 0.3305

Protanopia

35.9577, 0.3192, 0.3334

Deuteranopia

35.7272, 0.3366, 0.3305



Tritanopia

35.5677, 0.3274, 0.3125

Trichromacy



Original Color

35.7272, 0.3366, 0.3305

Protanomaly

35.7766, 0.3253, 0.3319

Deuteranomaly

35.7272, 0.3366, 0.3305

Tritanomaly

35.7546, 0.3311, 0.3194

Monochromacy



Original Color

35.7272, 0.3366, 0.3305

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.1147, 0.3214, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7272, 0.3366, 0.3305 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, 156, 155)` looks like.

```
.text, #text, p{  
  color:rgb(179, 156, 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(179, 156, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 156, 155) }
```

Border

The CSS property to change the border of an element to Yxy 35.7272, 0.3366, 0.3305 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, 156, 155) }
```

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

```
.border{ border-color:rgb(179, 156, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 156, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 156, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 156, 155);  
box-shadow:4px 4px 4px 4px rgb(179, 156,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7272, 0.3366, 0.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 156, 155) }
```

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

```
.background{ background-color: rgb(179,  
156, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor