

Converting Colors

$Yxy(35.5022, 0.3378, 0.3359)$

Have a look what the booklet for
Yxy(35.5022, 0.3378, 0.3359)
contains.

Yxy(35.3910, 0.3375, 0.3347)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(35.3910, 0.3375, 0.3347)

Conversions

Conversions Part 1

Format	Color
Hex	B19C98
RGB	177, 156, 152
RGB Percent	69%, 61%, 60%
CMY	0.3059, 0.3882, 0.4039
CMYK	0.00, 0.12, 0.14, 0.31
HSL	10°, 14%, 65%
HSV	10°, 14%, 69%
XYZ	35.6871, 35.3910, 34.6614
YIQ	161.8230, 13.8000, 3.2080

Conversions

Conversions Part 2

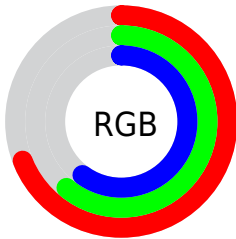
Format	Color
RYB	177, 157, 152
Decimal	11639960
CIELab	66.05, 7.04, 4.91
CIElCh	66, 8.582, 34.884
Yxy	35.3910, 0.3375, 0.3347
Android (android.graphics.Color)	4289830040 (0xFFB19C98)
YUV	161.8230, -4.8427, 13.3102
Hunter-Lab	59.4903, 2.9705, 7.0986

Details

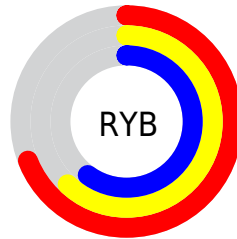
The Yxy color **35.3910, 0.3375, 0.3347** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.7388, 0.2914, 0.3232**, and the grayscale version is **36.0631, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8731, 0.3330, 0.3334**, and **15.3278, 0.3455, 0.3370** is the 20% darker color. If you saturate the color by 10%, you get **30.1658, 0.3597, 0.3391**, and if you desaturate by 10%, it is **41.3170, 0.3192, 0.3306**.

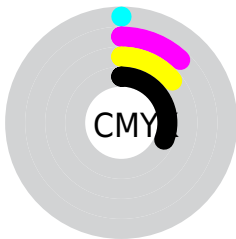
Distribution



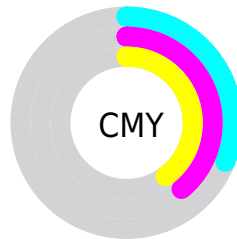
- Red (69%)
- Green (61%)
- Blue (60%)



- Red (69%)
- Yellow (62%)
- Blue (60%)



- Cyan (0%)
- Magenta (12%)
- Yellow (14%)
- Black (31%)





- Cyan (31%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3910, 0.3375, 0.3347 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 35.3910, 0.3375, 0.3347 by changing the saturation by 10% instead.


 35.3910, 0.3375,
0.3347


 35.3910, 0.3375,
0.3347


326.2908, 0.3245,
0.3318

 23.9642, 0.3410,
0.3354


 68.0910, 0.3326,
0.3337

 15.3071, 0.3456,
0.3363


 90.1331, 0.3308,
0.3333

 9.0352, 0.3520,
0.3375


116.4824, 0.3293,
0.3329

 4.7641, 0.3615,
0.3392

147.5233, 0.3281,
0.3327

 2.1095, 0.3769,
0.3416

183.6402, 0.3270,
0.3324

 0.6700, 0.4336,
0.3592

225.2175, 0.3260,

 0.0000, 0.0000,

0.3322

0.0000

272.6396, 0.3252,
0.3320

■ 35.3910, 0.3375,
0.3347

■ 35.3910, 0.3375,
0.3347

■ 30.1658, 0.3597,
0.3391

■ 41.3170, 0.3192,
0.3306

■ 25.6108, 0.3864,
0.3435

■ 47.9635, 0.3042,
0.3268

■ 21.7002, 0.4183,
0.3478

■ 55.3553, 0.2918,
0.3233

■ 18.4048, 0.4554,
0.3514

■ 63.5147, 0.2816,
0.3202

■ 15.6930, 0.4965,
0.3537

■ 72.4628, 0.2730,
0.3174

■ 13.5302, 0.5391,
0.3539

■ 82.0118, 0.2674,
0.3182

■ 11.8785, 0.5787,
0.3513

■ 88.0864, 0.2686,
0.3289

■ 10.6946, 0.6097,
0.3459

■ 10.1904, 0.6240,
0.3427

Harmonies

Analogous

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



35.3910, 0.3301, 0.3233



35.3910, 0.3375, 0.3347



35.3910, 0.3381, 0.3449

Triad

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



35.3910, 0.3375, 0.3347



35.3910, 0.3070, 0.3453



35.3910, 0.2938, 0.3072

Complementary

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



35.3910, 0.3375, 0.3347



39.7388, 0.2914, 0.3232

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.



35.3910, 0.2880, 0.3125



35.3910, 0.3375, 0.3347



35.3910, 0.2955, 0.3346

Square

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



35.3910, 0.3375, 0.3347



35.3910, 0.3203, 0.3514



35.3910, 0.2886, 0.3225



35.3910, 0.3048, 0.3077

Rectangle

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



35.3910, 0.3375, 0.3347



35.3910, 0.3345, 0.3497



35.3910, 0.2886, 0.3225



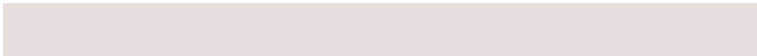
35.3910, 0.2912, 0.3084

Sweetspot

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



35.3926, 0.3375, 0.3347



74.0541, 0.3192, 0.3306



34.8340, 0.3178, 0.2998



15.8689, 0.3204, 0.3309



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



35.3926, 0.3375, 0.3347



60.2845, 0.3441, 0.3361



39.7118, 0.3351, 0.3516



8.7174, 0.3283, 0.3327



7.4442, 0.6225, 0.3439



0.3015, 0.5769, 0.3802

Inverse Universe

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



39.7388, 0.2914, 0.3232



69.6122, 0.2868, 0.3218



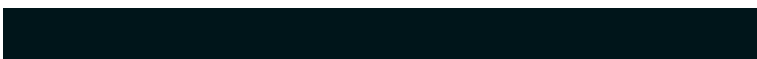
35.2556, 0.2909, 0.3053



9.3957, 0.2986, 0.3253



17.8825, 0.2106, 0.2781



0.6245, 0.2149, 0.2937

Previews

White Background



This preview shows how the Yxy color 35.3910, 0.3375, 0.3347 looks on a white background.

Color Contrast Check

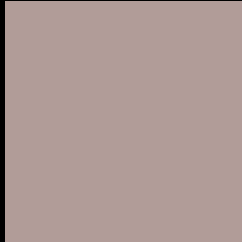
Large Text (above 18pt) WCAG AA × Fail

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 35.3910, 0.3375, 0.3347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

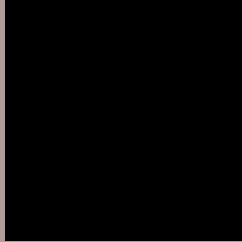
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3910, 0.3375, 0.3347

Background



This preview shows how black text looks on a background with the Yxy color 35.3910, 0.3375, 0.3347.



This preview shows how white text looks on a background with the Yxy color 35.3910, 0.3375, 0.3347.

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

35.3910, 0.3375, 0.3347

Protanopia

35.4740, 0.3230, 0.3378

Deuteranopia

35.2934, 0.3398, 0.3333



Tritanopia

35.4481, 0.3264, 0.3125

Trichromacy



Original Color

35.3910, 0.3375, 0.3347

Protanomaly

35.5312, 0.3280, 0.3377

Deuteranomaly

35.1747, 0.3387, 0.3333

Tritanomaly

35.4809, 0.3300, 0.3207

Monochromacy



Original Color

35.3910, 0.3375, 0.3347

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.8257, 0.3213, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3910, 0.3375, 0.3347 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(177, 156, 152)` looks like.

```
.text, #text, p{  
    color:rgb(177, 156, 152)  
}
```

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(177, 156, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 156, 152) }
```

Border

The CSS property to change the border of an element to Yxy 35.3910, 0.3375, 0.3347 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(177, 156, 152) }
```

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

```
.border{ border-color:rgb(177, 156, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 156, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 156, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 156, 152);  
box-shadow:4px 4px 4px 4px rgb(177, 156,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3910, 0.3375, 0.3347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 156, 152) }
```

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

```
.background{ background-color: rgb(177,  
156, 152) }
```

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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