

Converting Colors

$Yxy(34.3966, 0.3388, 0.3362)$

Have a look what the booklet for
Yxy(34.3966, 0.3388, 0.3362)
contains.

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Color

Yxy(34.3951, 0.3388, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	AF9A95
RGB	175, 154, 149
RGB Percent	69%, 60%, 58%
CMY	0.3137, 0.3961, 0.4156
CMYK	0.00, 0.12, 0.15, 0.31
HSL	12°, 14%, 64%
HSV	12°, 15%, 69%
XYZ	34.6611, 34.3951, 33.2493
YIQ	159.7090, 14.1210, 2.8970

Conversions

Conversions Part 2

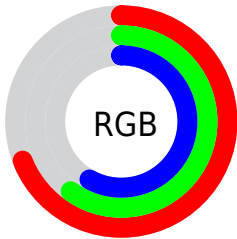
Format	Color
RYB	175, 155, 149
Decimal	11508373
CIELab	65.27, 6.90, 5.45
CIELCh	65, 8.791, 38.304
Yxy	34.3951, 0.3388, 0.3362
Android (android.graphics.Color)	4289698453 (0xFFAF9A95)
YUV	159.7090, -5.2795, 13.4102
Hunter-Lab	58.6473, 2.8622, 7.4395

Details

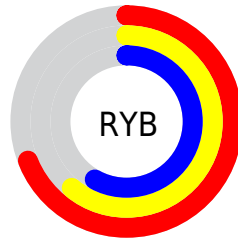
The Yxy color **34.3951, 0.3388, 0.3362** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.2406, 0.2903, 0.3217**, and the grayscale version is **35.0340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4125, 0.3339, 0.3345**, and **14.7199, 0.3475, 0.3391** is the 20% darker color. If you saturate the color by 10%, you get **29.4830, 0.3610, 0.3414**, and if you desaturate by 10%, it is **39.9442, 0.3204, 0.3313**.

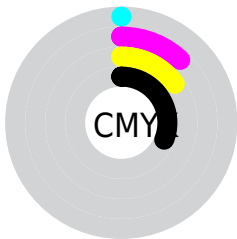
Distribution



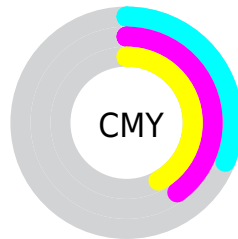
- Red (69%)
- Green (60%)
- Blue (58%)



- Red (69%)
- Yellow (61%)
- Blue (58%)



- Cyan (0%)
- Magenta (12%)
- Yellow (15%)
- Black (31%)





- Cyan (31%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3951, 0.3388, 0.3362 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 34.3951, 0.3388, 0.3362 by changing the saturation by 10% instead.


 34.3951, 0.3388,
0.3362


 34.3951, 0.3388,
0.3362


321.8902, 0.3250,
0.3326

 23.1973, 0.3425,
0.3371


 66.5476, 0.3336,
0.3349

 14.7393, 0.3474,
0.3383


 88.2711, 0.3317,
0.3344

 8.6366, 0.3543,
0.3399


114.2719, 0.3301,
0.3339

 4.5049, 0.3645,
0.3421

144.9345, 0.3288,
0.3336

 1.9598, 0.3813,
0.3454

180.6433, 0.3277,
0.3333

 0.5840, 0.4631,
0.3738


221.7825, 0.3267,


 0.0000, 0.0000,


0.3330


0.0000

268.7367, 0.3258,
0.3328

 34.3951, 0.3388,
0.3362


 34.3951, 0.3388,
0.3362


 29.4830, 0.3610,
0.3414


 39.9442, 0.3204,
0.3313

 25.1804, 0.3875,
0.3467


 46.1472, 0.3053,
0.3267


 21.4648, 0.4190,
0.3518

 53.0261, 0.2927,
0.3225

 18.3105, 0.4553,
0.3561

 60.6007, 0.2822,
0.3187

 15.6899, 0.4953,
0.3589

 68.8898, 0.2734,
0.3152

■ 13.5727, 0.5366,
0.3592

■ 77.9115, 0.2660,
0.3121

■ 11.9260, 0.5750,
0.3564

■ 86.5735, 0.2674,
0.3267

■ 10.7121, 0.6056,
0.3503

■ 87.8547, 0.2676,
0.3289

■ 10.2364, 0.6185,
0.3471

Harmonies

Analogous

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



34.3951, 0.3319, 0.3244



34.3951, 0.3388, 0.3362



34.3951, 0.3385, 0.3464

Triad

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



34.3951, 0.3388, 0.3362



34.3951, 0.3053, 0.3448



34.3951, 0.2943, 0.3063

Complementary

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



34.3951, 0.3388, 0.3362



38.2406, 0.2903, 0.3217

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.



34.3951, 0.2875, 0.3111



34.3951, 0.3388, 0.3362



34.3951, 0.2938, 0.3333

Square

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



34.3951, 0.3388, 0.3362



34.3951, 0.3190, 0.3518



34.3951, 0.2873, 0.3209



34.3951, 0.3060, 0.3074

Rectangle

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



34.3951, 0.3388, 0.3362



34.3951, 0.3343, 0.3510



34.3951, 0.2873, 0.3209



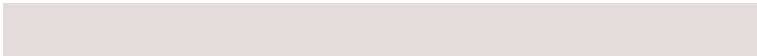
34.3951, 0.2913, 0.3072

Sweetspot

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



34.3966, 0.3388, 0.3362



72.3627, 0.3191, 0.3309



33.5239, 0.3189, 0.2994



15.9088, 0.3204, 0.3312



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.



34.3966, 0.3388, 0.3362



58.4306, 0.3460, 0.3380



38.8396, 0.3362, 0.3540



8.2551, 0.3282, 0.3334



7.4002, 0.6168, 0.3485



0.2772, 0.5637, 0.3906

Inverse Universe

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



38.2406, 0.2903, 0.3217



66.7128, 0.2852, 0.3198



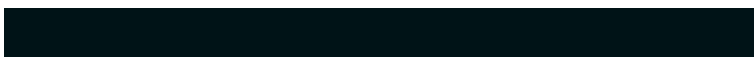
33.6817, 0.2897, 0.3027



8.8067, 0.2986, 0.3245



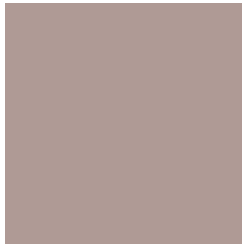
16.0275, 0.2076, 0.2673



0.5121, 0.2133, 0.2880

Previews

White Background



This preview shows how the Yxy color 34.3951, 0.3388, 0.3362 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 34.3951, 0.3388, 0.3362 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 34.3951, 0.3388, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 34.3951, 0.3388, 0.3362.



This preview shows how white text looks on a background with the Yxy color 34.3951, 0.3388, 0.3362.

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

34.3951, 0.3388, 0.3362

Protanopia

34.4746, 0.3240, 0.3394

Deuteranopia

34.2995, 0.3411, 0.3348



Tritanopia

34.4839, 0.3266, 0.3123

Trichromacy



Original Color

34.3951, 0.3388, 0.3362

Protanomaly

34.5314, 0.3291, 0.3393

Deuteranomaly

34.1825, 0.3400, 0.3348

Tritanomaly

34.5158, 0.3302, 0.3206

Monochromacy



Original Color

34.3951, 0.3388, 0.3362

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.8534, 0.3214, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3951, 0.3388, 0.3362 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(175, 154, 149)` looks like.

```
.text, #text, p{  
    color:rgb(175, 154, 149)  
}
```

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(175, 154, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 154, 149) }
```

Border

The CSS property to change the border of an element to Yxy 34.3951, 0.3388, 0.3362 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(175, 154, 149) }
```

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

```
.border{ border-color:rgb(175, 154, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 154, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 154, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 154, 149);  
box-shadow:4px 4px 4px 4px rgb(175, 154,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3951, 0.3388, 0.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 154, 149) }
```

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

```
.background{ background-color: rgb(175,  
154, 149) }
```

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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