

Converting Colors

Yxy(33.9648, 0.3363, 0.3301)

Have a look what the booklet for
Yxy(33.9648, 0.3363, 0.3301)
contains.

Yxy(33.8374, 0.3362, 0.3291)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(33.8374, 0.3362, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	AF9898
RGB	175, 152, 152
RGB Percent	69%, 60%, 60%
CMY	0.3139, 0.4038, 0.4039
CMYK	0.00, 0.13, 0.13, 0.31
HSL	0°, 13%, 64%
HSV	0°, 13%, 69%
XYZ	34.5674, 33.8374, 34.4132
YIQ	158.8770, 13.7080, 4.8760

Conversions

Conversions Part 2

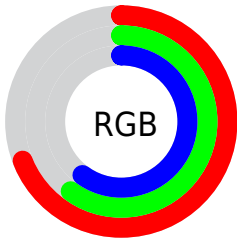
Format	Color
R _Y B	175, 152, 152
Decimal	11507864
CIE Lab	64.83, 8.48, 3.13
CIE LCh	65, 9.041, 20.282
Yxy	33.8374, 0.3362, 0.3291
Android (android.graphics.Color)	4289697944 (0xFFAF9898)
YUV	158.8770, -3.3904, 14.1399
Hunter-Lab	58.1699, 4.2760, 5.6431

Details

The Yxy color **33.8374, 0.3362, 0.3291** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.4028, 0.2931, 0.3289**, and the grayscale version is **34.6217, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.5878, 0.3320, 0.3291**, and **14.3845, 0.3438, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **28.0448, 0.3593, 0.3292**, and if you desaturate by 10%, it is **40.5537, 0.3177, 0.3290**.

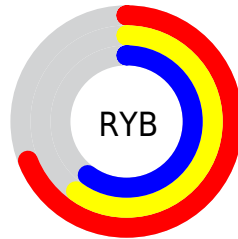
Distribution



Red (69%)

Green (60%)

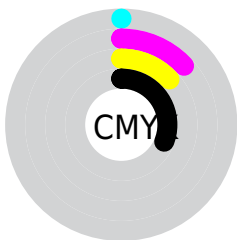
Blue (60%)



Red (69%)

Yellow (60%)

Blue (60%)

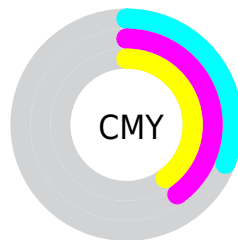


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (31%)



Cyan (31%)

Magenta (40%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.8374, 0.3362, 0.3291 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 33.8374, 0.3362, 0.3291 by changing the saturation by 10% instead.


 33.8374, 0.3362,
0.3291


 33.8374, 0.3362,
0.3291


319.4064, 0.3238,
0.3291

 22.7687, 0.3395,
0.3291


 65.6807, 0.3315,
0.3291

 14.4228, 0.3440,
0.3290


 87.2242, 0.3298,
0.3292

 8.4153, 0.3502,
0.3288


113.0280, 0.3284,
0.3292

 4.3618, 0.3595,
0.3285

143.4766, 0.3272,
0.3292

 1.8780, 0.3750,
0.3277

178.9543, 0.3261,
0.3292

 0.5351, 0.4433,
0.3315


219.8456, 0.3253,

 0.0000, 0.0000,


0.3292


0.0000


266.5348, 0.3245,
0.3292

 33.8374, 0.3362,
0.3291


 33.8374, 0.3362,
0.3291


 28.0448, 0.3593,
0.3292


 40.5537, 0.3177,
0.3290


 23.1311, 0.3879,
0.3293


 48.2267, 0.3029,
0.3290


 19.0549, 0.4230,
0.3294

 56.8936, 0.2909,
0.3289

 15.7694, 0.4644,
0.3296

 66.5880, 0.2813,
0.3289

 13.2235, 0.5107,
0.3297

 77.3420, 0.2734,
0.3288

■ 11.3597, 0.5577,
0.3299

■ 87.8490, 0.2676,
0.3289

■ 10.1126, 0.5989,
0.3300

■ 9.4034, 0.6271,
0.3300

■ 9.1129, 0.6400,
0.3300

Harmonies

Analogous

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



33.8374, 0.3255, 0.3174



33.8374, 0.3362, 0.3291



33.8374, 0.3405, 0.3410

Triad

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



33.8374, 0.3362, 0.3291



33.8374, 0.3135, 0.3504



33.8374, 0.2887, 0.3078

Complementary

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



33.8374, 0.3362, 0.3291



40.4028, 0.2931, 0.3289

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.



33.8374, 0.2857, 0.3160



33.8374, 0.3362, 0.3291



33.8374, 0.2998, 0.3410

Square

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



33.8374, 0.3362, 0.3291



33.8374, 0.3272, 0.3537



33.8374, 0.2897, 0.3282



33.8374, 0.2980, 0.3052

Rectangle

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



33.8374, 0.3362, 0.3291



33.8374, 0.3391, 0.3476



33.8374, 0.2897, 0.3282



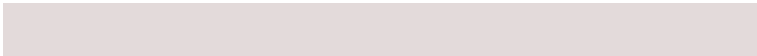
33.8374, 0.2869, 0.3099

Sweetspot

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



33.8389, 0.3362, 0.3291



71.4593, 0.3193, 0.3290



34.6579, 0.3142, 0.2973



15.6735, 0.3205, 0.3290



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.



33.8389, 0.3362, 0.3291



57.1885, 0.3429, 0.3291



37.7400, 0.3340, 0.3452



8.0166, 0.3286, 0.3291



6.5302, 0.6400, 0.3300



0.1821, 0.6395, 0.3304

Inverse Universe

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



40.4028, 0.2931, 0.3289



71.4633, 0.2886, 0.3289



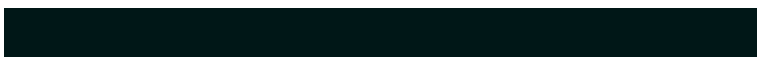
36.1326, 0.2926, 0.3122



9.0707, 0.2987, 0.3289



24.1238, 0.2246, 0.3284



0.6715, 0.2246, 0.3285

Previews

White Background



This preview shows how the Yxy color 33.8374, 0.3362, 0.3291 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 33.8374, 0.3362, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

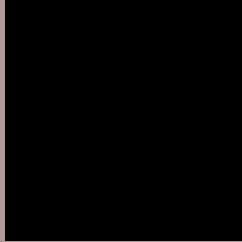
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.8374, 0.3362, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 33.8374, 0.3362, 0.3291.



This preview shows how white text looks on a background with the Yxy color 33.8374, 0.3362, 0.3291.

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

33.8374, 0.3362, 0.3291

Protanopia

34.0576, 0.3185, 0.3320

Deuteranopia

33.8374, 0.3362, 0.3291



Tritanopia

33.6514, 0.3278, 0.3122

Trichromacy



Original Color

33.8374, 0.3362, 0.3291

Protanomaly

33.8828, 0.3246, 0.3305

Deuteranomaly

33.8374, 0.3362, 0.3291

Tritanomaly

33.8319, 0.3315, 0.3192

Monochromacy



Original Color

33.8374, 0.3362, 0.3291

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.1766, 0.3216, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.8374, 0.3362, 0.3291 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, 152, 152)` looks like.

```
.text, #text, p{  
    color:rgb(175, 152, 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(175, 152, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 152, 152) }
```

Border

The CSS property to change the border of an element to Yxy 33.8374, 0.3362, 0.3291 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, 152, 152) }
```

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

```
.border{ border-color:rgb(175, 152, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 152, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 152, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 152, 152);  
box-shadow:4px 4px 4px 4px rgb(175, 152,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 33.8374, 0.3362, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 152, 152) }
```

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

```
.background{ background-color: rgb(175,  
152, 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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