

Converting Colors

$Yxy(34.4010, 0.3615, 0.3371)$

Have a look what the booklet for
Yxy(34.4010, 0.3615, 0.3371)
contains.

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Color

Yxy(34.4252, 0.3620, 0.3373)

Conversions

Conversions Part 1

Format	Color
Hex	BE958F
RGB	190, 149, 143
RGB Percent	75%, 58%, 56%
CMY	0.2548, 0.4157, 0.4392
CMYK	0.00, 0.22, 0.25, 0.25
HSL	8°, 27%, 65%
HSV	8°, 25%, 75%
XYZ	36.9461, 34.4252, 30.6898
YIQ	160.5750, 26.3620, 6.8260

Conversions

Conversions Part 2

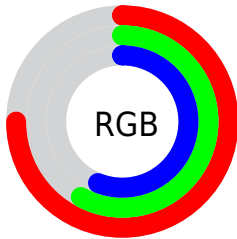
Format	Color
R _Y B	190, 150, 143
Decimal	12490127
CIE Lab	65.30, 14.48, 9.04
CIE LCh	65, 17.069, 31.973
Yxy	34.4252, 0.3620, 0.3373
Android (android.graphics.Color)	4290680207 (0xFFBE958F)
YUV	160.5750, -8.6645, 25.8057
Hunter-Lab	58.6730, 9.7229, 10.0586

Details

The Yxy color **34.4252, 0.3620, 0.3373** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.8607, 0.2761, 0.3205**, and the grayscale version is **35.4669, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5172, 0.3520, 0.3354**, and **14.7599, 0.3784, 0.3386** is the 20% darker color. If you saturate the color by 10%, you get **29.0191, 0.3898, 0.3409**, and if you desaturate by 10%, it is **40.6795, 0.3391, 0.3338**.

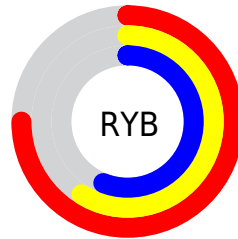
Distribution



Red (75%)

Green (58%)

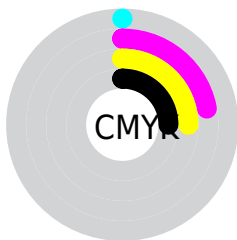
Blue (56%)



Red (75%)

Yellow (59%)

Blue (56%)

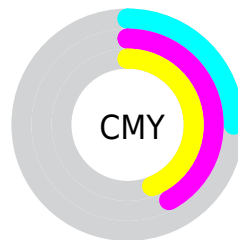


Cyan (0%)

Magenta (22%)

Yellow (25%)

Black (25%)



Cyan (25%)


Magenta (42%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.4252, 0.3620, 0.3373 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 34.4252, 0.3620, 0.3373 by changing the saturation by 10% instead.


 34.4252, 0.3620,
0.3373


 34.4252, 0.3620,
0.3373


322.0239, 0.3359,
0.3334

 23.2204, 0.3690,
0.3382


 66.5943, 0.3521,
0.3360

 14.7564, 0.3784,
0.3392


 88.3275, 0.3486,
0.3354

 8.6486, 0.3914,
0.3404


114.3390, 0.3456,
0.3350

 4.5127, 0.4107,
0.3417

145.0130, 0.3430,
0.3346

 1.9643, 0.4422,
0.3426

180.7342, 0.3409,
0.3342

 0.5866, 0.6061,
0.3894


221.8868, 0.3390,

 0.0000, 0.0000,


0.3339


0.0000

268.8552, 0.3374,
0.3336


 34.4252, 0.3620,
0.3373

 34.4252, 0.3620,
0.3373

 29.0191, 0.3898,
0.3409


 40.6795, 0.3391,
0.3338


 24.4200, 0.4232,
0.3443


 47.8113, 0.3204,
0.3305

 20.5906, 0.4619,
0.3470

 55.8544, 0.3050,
0.3274

 17.4885, 0.5048,
0.3486

 64.8395, 0.2925,
0.3246

 15.0675, 0.5486,
0.3484

 74.7958, 0.2821,
0.3221

■ 13.2758, 0.5882,
0.3458

■ 85.6197, 0.2746,
0.3220

■ 12.0539, 0.6177,
0.3410

■ 89.6904, 0.2752,
0.3289

■ 11.6104, 0.6292,
0.3386

Harmonies

Analogous

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



34.4252, 0.3456, 0.3153



34.4252, 0.3620, 0.3373



34.4252, 0.3644, 0.3583

Triad

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



34.4252, 0.3620, 0.3373



34.4252, 0.3034, 0.3642



34.4252, 0.2736, 0.2864

Complementary

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



34.4252, 0.3620, 0.3373



43.8607, 0.2761, 0.3205

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.



34.4252, 0.2634, 0.2971



34.4252, 0.3620, 0.3373



34.4252, 0.2802, 0.3424

Square

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



34.4252, 0.3620, 0.3373



34.4252, 0.3299, 0.3754



34.4252, 0.2658, 0.3174



34.4252, 0.2941, 0.2867

Rectangle

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



34.4252, 0.3620, 0.3373



34.4252, 0.3579, 0.3689



34.4252, 0.2658, 0.3174



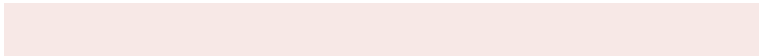
34.4252, 0.2689, 0.2887

Sweetspot

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



34.4268, 0.3620, 0.3373



83.3998, 0.3245, 0.3312



34.0834, 0.3208, 0.2749



18.1357, 0.3256, 0.3314



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



34.4268, 0.3620, 0.3373



56.5548, 0.3773, 0.3394



42.4410, 0.3548, 0.3677



9.7267, 0.3285, 0.3320



7.7832, 0.6276, 0.3399



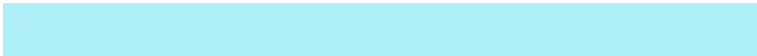
0.3696, 0.5924, 0.3678

Inverse Universe

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



43.8607, 0.2761, 0.3205



76.7370, 0.2682, 0.3183



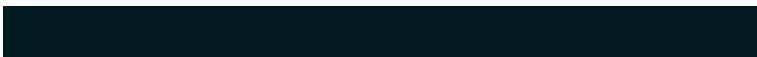
35.0622, 0.2732, 0.2870



10.5969, 0.2985, 0.3260



20.6481, 0.2136, 0.2888



0.8674, 0.2165, 0.2993

Previews

White Background



This preview shows how the Yxy color 34.4252, 0.3620, 0.3373 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 34.4252, 0.3620, 0.3373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

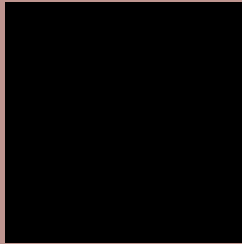
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4252, 0.3620, 0.3373

Background



This preview shows how black text looks on a background with the Yxy color 34.4252, 0.3620, 0.3373.



This preview shows how white text looks on a background with the Yxy color 34.4252, 0.3620, 0.3373.

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

34.4252, 0.3620, 0.3373

Protanopia

34.4844, 0.3278, 0.3438

Deuteranopia

34.4388, 0.3512, 0.3447



Tritanopia

34.5425, 0.3490, 0.3144

Trichromacy



Original Color

34.4252, 0.3620, 0.3373

Protanomaly

34.4022, 0.3395, 0.3420

Deuteranomaly

34.5998, 0.3557, 0.3431

Tritanomaly

34.5561, 0.3529, 0.3224

Monochromacy



Original Color

34.4252, 0.3620, 0.3373

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.2177, 0.3304, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4252, 0.3620, 0.3373 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(190, 149, 143)` looks like.

```
.text, #text, p{  
    color:rgb(190, 149, 143)  
}
```

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(190, 149, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 149, 143) }
```

Border

The CSS property to change the border of an element to Yxy 34.4252, 0.3620, 0.3373 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(190, 149, 143) }
```

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

```
.border{ border-color:rgb(190, 149, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 149, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 149, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 149, 143);  
box-shadow:4px 4px 4px 4px rgb(190, 149,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4252, 0.3620, 0.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 149, 143) }
```

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

```
.background{ background-color: rgb(190,  
149, 143) }
```

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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