

Converting Colors

$Yxy(34.3332, 0.3645, 0.3412)$

Have a look what the booklet for
Yxy(34.3332, 0.3645, 0.3412)
contains.

Yxy(34.3355, 0.3651, 0.3415)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.3355, 0.3651, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	BE958C
RGB	190, 149, 140
RGB Percent	75%, 58%, 55%
CMY	0.2551, 0.4156, 0.4510
CMYK	0.00, 0.22, 0.26, 0.26
HSL	11°, 28%, 65%
HSV	11°, 26%, 74%
XYZ	36.7083, 34.3355, 29.4994
YIQ	160.2330, 27.3250, 5.8930

Conversions

Conversions Part 2

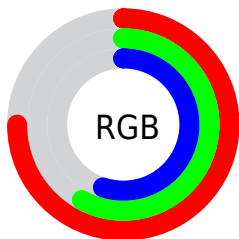
Format	Color
RYB	190, 151, 140
Decimal	12490124
CIELab	65.23, 14.00, 10.63
CIElCh	65, 17.581, 37.220
Yxy	34.3355, 0.3651, 0.3415
Android (android.graphics.Color)	4290680204 (0xFFBE958C)
YUV	160.2330, -9.9749, 26.1057
Hunter-Lab	58.5965, 9.2791, 11.1690

Details

The Yxy color **34.3355, 0.3651, 0.3415** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.3095, 0.2735, 0.3161**, and the grayscale version is **35.3038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3811, 0.3543, 0.3386**, and **14.7078, 0.3831, 0.3443** is the 20% darker color. If you saturate the color by 10%, you get **29.2235, 0.3928, 0.3465**, and if you desaturate by 10%, it is **40.2055, 0.3420, 0.3365**.

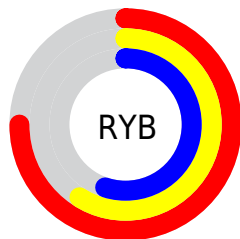
Distribution



Red (75%)

Green (58%)

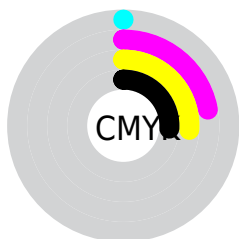
Blue (55%)



Red (75%)

Yellow (59%)

Blue (55%)

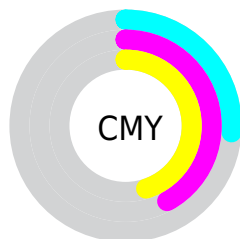


Cyan (0%)

Magenta (22%)

Yellow (26%)

Black (26%)



Cyan (26%)


Magenta (42%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3355, 0.3651, 0.3415 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 34.3355, 0.3651, 0.3415 by changing the saturation by 10% instead.


 34.3355, 0.3651,
0.3415

 34.3355, 0.3651,
0.3415


321.6255, 0.3373,
0.3355


 23.1515, 0.3726,
0.3429


 66.4551, 0.3546,
0.3394

 14.7054, 0.3825,
0.3446


 88.1594, 0.3508,
0.3386

 8.6129, 0.3963,
0.3467


 114.1392, 0.3476,
0.3379

 4.4896, 0.4168,
0.3493

144.7790, 0.3449,
0.3372

 1.9510, 0.4501,
0.3519

180.4631, 0.3426,
0.3367

 0.5788, 0.6067,
0.3933


221.5760, 0.3406,


 0.0000, 0.0000,


0.3362


0.0000


268.5020, 0.3389,
0.3358

 34.3355, 0.3651,
0.3415


 34.3355, 0.3651,
0.3415


 29.2235, 0.3928,
0.3465


 40.2055, 0.3420,
0.3365


 24.8339, 0.4256,
0.3513

 46.8578, 0.3230,
0.3318


 21.1351, 0.4633,
0.3551

 54.3215, 0.3073,
0.3274

 18.0917, 0.5045,
0.3573

 62.6229, 0.2943,
0.3234

 15.6647, 0.5462,
0.3570

 71.7868, 0.2835,
0.3198

■ 13.8109, 0.5839,
0.3536

■ 81.8373, 0.2745,
0.3164

■ 12.4807, 0.6126,
0.3471

■ 89.6821, 0.2752,
0.3289

■ 12.1053, 0.6213,
0.3449

Harmonies

Analogous

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



34.3355, 0.3505, 0.3187



34.3355, 0.3651, 0.3415



34.3355, 0.3649, 0.3623

Triad

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



34.3355, 0.3651, 0.3415



34.3355, 0.2985, 0.3620



34.3355, 0.2754, 0.2843

Complementary

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



34.3355, 0.3651, 0.3415



42.3095, 0.2735, 0.3161

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.



34.3355, 0.2629, 0.2934



34.3355, 0.3651, 0.3415



34.3355, 0.2758, 0.3382

Square

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



34.3355, 0.3651, 0.3415



34.3355, 0.3257, 0.3759



34.3355, 0.2630, 0.3128



34.3355, 0.2980, 0.2866

Rectangle

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



34.3355, 0.3651, 0.3415



34.3355, 0.3565, 0.3723



34.3355, 0.2630, 0.3128



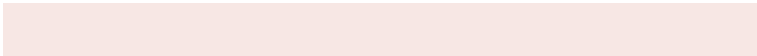
34.3355, 0.2699, 0.2861

Sweetspot

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



34.3371, 0.3651, 0.3415



82.6444, 0.3262, 0.3326



33.0576, 0.3239, 0.2745



17.7324, 0.3290, 0.3334



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.



34.3371, 0.3651, 0.3415



56.3351, 0.3817, 0.3446



42.8391, 0.3571, 0.3734



9.8078, 0.3284, 0.3332



8.1373, 0.6194, 0.3464



0.4052, 0.5761, 0.3807

Inverse Universe

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



42.3095, 0.2735, 0.3161



73.3864, 0.2649, 0.3126



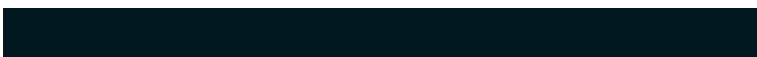
33.2853, 0.2702, 0.2802



10.5082, 0.2985, 0.3248



18.3112, 0.2086, 0.2709



0.7951, 0.2129, 0.2863

Previews

White Background



This preview shows how the Yxy color 34.3355, 0.3651, 0.3415 looks on a white background.

Color Contrast Check

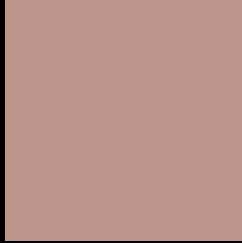
Large Text (above 18pt) WCAG AA × Fail

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 34.3355, 0.3651, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

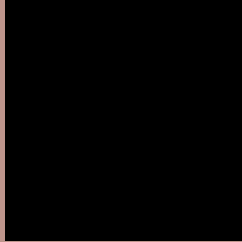
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3355, 0.3651, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 34.3355, 0.3651, 0.3415.



This preview shows how white text looks on a background with the Yxy color 34.3355, 0.3651, 0.3415.

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

34.3355, 0.3651, 0.3415

Protanopia

34.4974, 0.3316, 0.3482

Deuteranopia

34.4703, 0.3553, 0.3489



Tritanopia

34.2329, 0.3492, 0.3130

Trichromacy



Original Color

34.3355, 0.3651, 0.3415

Protanomaly

34.4245, 0.3434, 0.3464

Deuteranomaly

34.5109, 0.3588, 0.3473

Tritanomaly

34.1782, 0.3552, 0.3237

Monochromacy



Original Color

34.3355, 0.3651, 0.3415

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.7348, 0.3305, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3355, 0.3651, 0.3415 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(190, 149, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 149, 140) }
```

Border

The CSS property to change the border of an element to Yxy 34.3355, 0.3651, 0.3415 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, 140) }
```

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

```
.border{ border-color:rgb(190, 149, 140) }
```

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, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 149, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 149, 140);  
box-shadow:4px 4px 4px 4px rgb(190, 149,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3355, 0.3651, 0.3415 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, 140) }
```

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

```
.background{ background-color: rgb(190,  
149, 140) }
```

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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