

Converting Colors

$Yxy(33.3803, 0.3613, 0.3305)$

Have a look what the booklet for
Yxy(33.3803, 0.3613, 0.3305)
contains.

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Color

Yxy(33.5493, 0.3608, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	BE9291
RGB	190, 146, 145
RGB Percent	75%, 57%, 57%
CMY	0.2549, 0.4274, 0.4313
CMYK	0.00, 0.23, 0.24, 0.25
HSL	1°, 26%, 66%
HSV	1°, 24%, 75%
XYZ	36.6251, 33.5493, 31.3364
YIQ	159.0420, 26.5450, 9.0170

Conversions

Conversions Part 2

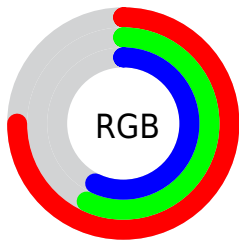
Format	Color
R_{YB}	190, 146, 145
Decimal	12489361
CIE _{Lab}	64.60, 16.42, 6.92
CIE _{LCh}	65, 17.818, 22.870
Yxy	33.5493, 0.3608, 0.3305
Android (android.graphics.Color)	4290679441 (0xFFBE9291)
YUV	159.0420, -6.9227, 27.1502
Hunter-Lab	57.9218, 11.5060, 8.4686

Details

The Yxy color **33.5493, 0.3608, 0.3305** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.1343, 0.2781, 0.3275**, and the grayscale version is **34.7153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2062, 0.3510, 0.3302**, and **14.2449, 0.3769, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **27.7425, 0.3897, 0.3312**, and if you desaturate by 10%, it is **40.3880, 0.3374, 0.3298**.

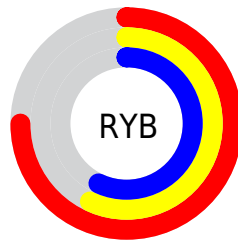
Distribution



Red (75%)

Green (57%)

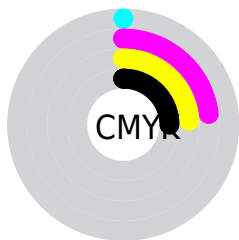
Blue (57%)



Red (75%)

Yellow (57%)

Blue (57%)

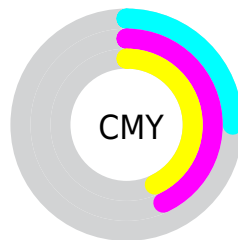


Cyan (0%)

Magenta (23%)

Yellow (24%)

Black (25%)



Cyan (25%)


Magenta (43%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5493, 0.3608, 0.3305 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 33.5493, 0.3608, 0.3305 by changing the saturation by 10% instead.


 33.5493, 0.3608,
0.3305


 33.5493, 0.3608,
0.3305


318.1177, 0.3352,
0.3301

 22.5476, 0.3677,
0.3305


 65.2322, 0.3511,
0.3305

 14.2598, 0.3769,
0.3303


 86.6821, 0.3476,
0.3304

 8.3016, 0.3898,
0.3299


112.3836, 0.3447,
0.3304

 4.2885, 0.4091,
0.3289

142.7210, 0.3422,
0.3303

 1.8362, 0.4409,
0.3262

178.0787, 0.3401,
0.3303

 0.5096, 0.6042,
0.3476

218.8411, 0.3383,

 0.0000, 0.0000,

0.3302


0.0000


265.3927, 0.3367,
0.3302


 33.5493, 0.3608,
0.3305


 33.5493, 0.3608,
0.3305


 27.7425, 0.3897,
0.3312


 40.3880, 0.3374,
0.3298


 22.9133, 0.4250,
0.3319

 48.3005, 0.3186,
0.3292


 19.0093, 0.4665,
0.3324

 57.3317, 0.3036,
0.3287

 15.9713, 0.5127,
0.3328

 67.5230, 0.2914,
0.3281

 13.7336, 0.5594,
0.3327

 78.9133, 0.2815,
0.3277

■ 12.2206, 0.6000,
0.3322

■ 89.6870, 0.2752,
0.3289

■ 11.3427, 0.6276,
0.3313

■ 11.0383, 0.6385,
0.3312

Harmonies

Analogous

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



33.5493, 0.3400, 0.3082



33.5493, 0.3608, 0.3305



33.5493, 0.3681, 0.3534

Triad

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



33.5493, 0.3608, 0.3305



33.5493, 0.3113, 0.3712



33.5493, 0.2670, 0.2864

Complementary

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



33.5493, 0.3608, 0.3305



46.1343, 0.2781, 0.3275

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.



33.5493, 0.2603, 0.3009



33.5493, 0.3608, 0.3305



33.5493, 0.2851, 0.3508

Square

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



33.5493, 0.3608, 0.3305



33.5493, 0.3387, 0.3786



33.5493, 0.2667, 0.3245



33.5493, 0.2856, 0.2832

Rectangle

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



33.5493, 0.3608, 0.3305



33.5493, 0.3642, 0.3663



33.5493, 0.2667, 0.3245



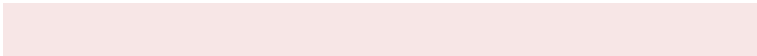
33.5493, 0.2633, 0.2900

Sweetspot

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



33.5508, 0.3608, 0.3305



82.3801, 0.3246, 0.3294



34.8853, 0.3161, 0.2718



17.8945, 0.3257, 0.3295



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.



33.5508, 0.3608, 0.3305



55.5476, 0.3739, 0.3308



41.0905, 0.3541, 0.3602



9.5693, 0.3288, 0.3296



7.3553, 0.6381, 0.3315



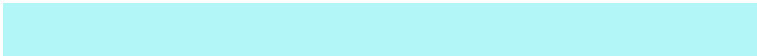
0.2998, 0.6307, 0.3374

Inverse Universe

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



46.1343, 0.2781, 0.3275



82.0126, 0.2718, 0.3272



37.2854, 0.2755, 0.2957



10.7723, 0.2985, 0.3284



25.7813, 0.2228, 0.3221



1.0215, 0.2233, 0.3238

Previews

White Background



This preview shows how the Yxy color 33.5493, 0.3608, 0.3305 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 33.5493, 0.3608, 0.3305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

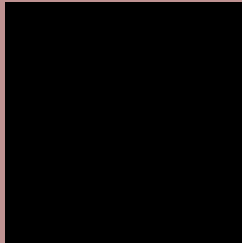
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.5493, 0.3608, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 33.5493, 0.3608, 0.3305.



This preview shows how white text looks on a background with the Yxy color 33.5493, 0.3608, 0.3305.

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

33.5493, 0.3608, 0.3305

Protanopia

33.5884, 0.3223, 0.3365

Deuteranopia

33.4939, 0.3466, 0.3391



Tritanopia

33.4232, 0.3507, 0.3129

Trichromacy



Original Color

33.5493, 0.3608, 0.3305

Protanomaly

33.3971, 0.3361, 0.3334

Deuteranomaly

33.4536, 0.3524, 0.3361

Tritanomaly

33.5942, 0.3547, 0.3196

Monochromacy



Original Color

33.5493, 0.3608, 0.3305

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.9903, 0.3288, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5493, 0.3608, 0.3305 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, 146, 145)` looks like.

```
.text, #text, p{  
    color:rgb(190, 146, 145)  
}
```

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, 146, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 146, 145) }
```

Border

The CSS property to change the border of an element to Yxy 33.5493, 0.3608, 0.3305 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, 146, 145) }
```

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

```
.border{ border-color:rgb(190, 146, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 146, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 146, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 146, 145);  
box-shadow:4px 4px 4px 4px rgb(190, 146,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5493, 0.3608, 0.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 146, 145) }
```

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

```
.background{ background-color: rgb(190,  
146, 145) }
```

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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