

Converting Colors

$Yxy(35.5654, 0.3404, 0.3222)$

Have a look what the booklet for
Yxy(35.5654, 0.3404, 0.3222)
contains.

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Color

Yxy(35.5654, 0.3404, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	B9999E
RGB	185, 153, 158
RGB Percent	73%, 60%, 62%
CMY	0.2745, 0.4000, 0.3803
CMYK	0.00, 0.17, 0.15, 0.27
HSL	351°, 19%, 66%
HSV	351°, 17%, 73%
XYZ	37.5744, 35.5654, 37.2432
YIQ	163.1380, 17.4670, 8.3390

Conversions

Conversions Part 2

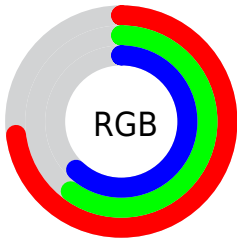
Format	Color
R_{YB}	185, 153, 158
Decimal	12163486
CIE _{Lab}	66.19, 12.71, 1.83
CIE _{LCh}	66, 12.841, 8.196
Yxy	35.5654, 0.3404, 0.3222
Android (android.graphics.Color)	4290353566 (0xFFB9999E)
YUV	163.1380, -2.5330, 19.1730
Hunter-Lab	59.6367, 8.1004, 4.7190

Details

The Yxy color **35.5654, 0.3404, 0.3222** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.7703, 0.2906, 0.3359**, and the grayscale version is **36.7024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1305, 0.3344, 0.3227**, and **15.4698, 0.3496, 0.3197** is the 20% darker color. If you saturate the color by 10%, you get **29.4695, 0.3617, 0.3180**, and if you desaturate by 10%, it is **42.6717, 0.3232, 0.3262**.

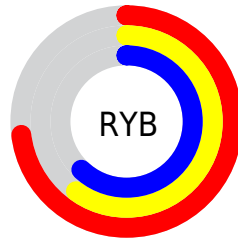
Distribution



Red (73%)

Green (60%)

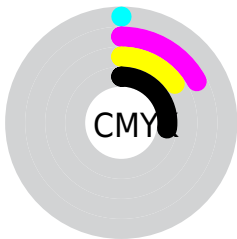
Blue (62%)



Red (73%)

Yellow (60%)

Blue (62%)

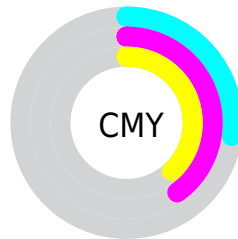


Cyan (0%)

Magenta (17%)

Yellow (15%)

Black (27%)



Cyan (27%)


Magenta (40%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5654, 0.3404, 0.3222 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 35.5654, 0.3404, 0.3222 by changing the saturation by 10% instead.


 35.5654, 0.3404,
0.3222


 35.5654, 0.3404,
0.3222


327.0570, 0.3259,
0.3258

 24.0987, 0.3443,
0.3212


 68.3607, 0.3350,
0.3236

 15.4069, 0.3494,
0.3199


 90.4582, 0.3330,
0.3241

 9.1054, 0.3564,
0.3180


116.8681, 0.3313,
0.3245

 4.8100, 0.3669,
0.3152

147.9747, 0.3299,
0.3249

 2.1362, 0.3838,
0.3105

184.1625, 0.3287,
0.3252

 0.6849, 0.4261,
0.3018

225.8159, 0.3276,

 0.0000, 0.0000,


0.3254


0.0000


273.3193, 0.3267,
0.3256


 35.5654, 0.3404,
0.3222


 35.5654, 0.3404,
0.3222

 29.4695, 0.3617,
0.3180

 42.6717, 0.3232,
0.3262

 24.3335, 0.3879,
0.3138


 50.8263, 0.3093,
0.3300


 20.1097, 0.4195,
0.3100

 60.0712, 0.2980,
0.3334

 16.7447, 0.4565,
0.3070

 70.4445, 0.2888,
0.3366

 14.1792, 0.4979,
0.3056

 81.9824, 0.2813,
0.3394

■ 12.3465, 0.5407,
0.3065

■ 88.8388, 0.2743,
0.3325

■ 11.1689, 0.5801,
0.3103

■ 89.0560, 0.2726,
0.3289

■ 10.5355, 0.6109,
0.3164

■ 10.4050, 0.6179,
0.3177

Harmonies

Analogous

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



35.5654, 0.3228, 0.3075



35.5654, 0.3404, 0.3222



35.5654, 0.3505, 0.3390

Triad

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



35.5654, 0.3404, 0.3222



35.5654, 0.3217, 0.3623



35.5654, 0.2765, 0.3030

Complementary

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



35.5654, 0.3404, 0.3222



44.7703, 0.2906, 0.3359

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.



35.5654, 0.2763, 0.3171



35.5654, 0.3404, 0.3222



35.5654, 0.3020, 0.3521

Square

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



35.5654, 0.3404, 0.3222



35.5654, 0.3394, 0.3627



35.5654, 0.2855, 0.3352



35.5654, 0.2861, 0.2964

Rectangle

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



35.5654, 0.3404, 0.3222



35.5654, 0.3515, 0.3494



35.5654, 0.2855, 0.3352



35.5654, 0.2754, 0.3070

Sweetspot

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



35.5670, 0.3404, 0.3222



79.4935, 0.3198, 0.3271



35.9495, 0.3096, 0.2861



16.9267, 0.3208, 0.3268



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



35.5670, 0.3404, 0.3222



59.0679, 0.3485, 0.3205



39.0485, 0.3430, 0.3436



9.0346, 0.3264, 0.3254



7.0909, 0.6154, 0.3164



0.2572, 0.5535, 0.2823

Inverse Universe

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



35.5670, 0.3404, 0.3222



59.0679, 0.3485, 0.3205



40.6796, 0.2863, 0.3139



9.0346, 0.3264, 0.3254



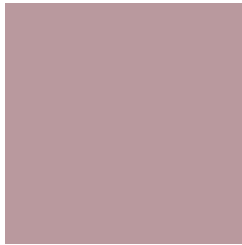
7.0909, 0.6154, 0.3164



0.2572, 0.5535, 0.2823

Previews

White Background



This preview shows how the Yxy color 35.5654, 0.3404, 0.3222 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 35.5654, 0.3404, 0.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

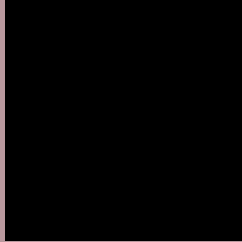
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5654, 0.3404, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 35.5654, 0.3404, 0.3222.



This preview shows how white text looks on a background with the Yxy color 35.5654, 0.3404, 0.3222.

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

35.5654, 0.3404, 0.3222

Protanopia

35.5368, 0.3138, 0.3261

Deuteranopia

35.6762, 0.3337, 0.3277



Tritanopia

35.5759, 0.3357, 0.3128

Trichromacy



Original Color

35.5654, 0.3404, 0.3222

Protanomaly

35.3451, 0.3228, 0.3233

Deuteranomaly

35.7008, 0.3369, 0.3263

Tritanomaly

35.5042, 0.3377, 0.3155

Monochromacy



Original Color

35.5654, 0.3404, 0.3222

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.0274, 0.3226, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5654, 0.3404, 0.3222 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(185, 153, 158)` looks like.

```
.text, #text, p{  
    color:rgb(185, 153, 158)  
}
```

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(185, 153, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 153, 158) }
```

Border

The CSS property to change the border of an element to Yxy 35.5654, 0.3404, 0.3222 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(185, 153, 158) }
```

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

```
.border{ border-color:rgb(185, 153, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 153, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 153, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 153, 158);  
box-shadow:4px 4px 4px 4px rgb(185, 153,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5654, 0.3404, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 153, 158) }
```

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

```
.background{ background-color: rgb(185,  
153, 158) }
```

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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