

Converting Colors

$Y_{xy}(35.1922, 0.3301, 0.3405)$

Have a look what the booklet for
Yxy(35.1922, 0.3301, 0.3405)
contains.

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Color

Yxy(35.0907, 0.3310, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	A99E96
RGB	169, 158, 150
RGB Percent	66%, 62%, 59%
CMY	0.3371, 0.3804, 0.4117
CMYK	0.00, 0.07, 0.11, 0.34
HSL	25°, 10%, 63%
HSV	25°, 11%, 66%
XYZ	34.1016, 35.0907, 33.8338
YIQ	160.3770, 9.1240, -0.1560

Conversions

Conversions Part 2

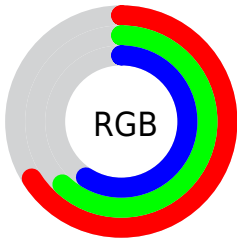
Format	Color
R_{YB}	169, 164, 150
Decimal	11116182
CIE Lab	65.82, 2.62, 5.60
CIE LCh	66, 6.185, 64.934
Yxy	35.0907, 0.3310, 0.3406
Android (android.graphics.Color)	4289306262 (0xFFA99E96)
YUV	160.3770, -5.1159, 7.5624
Hunter-Lab	59.2374, -0.9070, 7.6024

Details

The Yxy color **35.0907, 0.3310, 0.3406** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.8641, 0.2956, 0.3171**, and the grayscale version is **35.3611, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7954, 0.3272, 0.3390**, and **15.1982, 0.3374, 0.3454** is the 20% darker color. If you saturate the color by 10%, you get **31.3696, 0.3500, 0.3515**, and if you desaturate by 10%, it is **39.1611, 0.3146, 0.3303**.

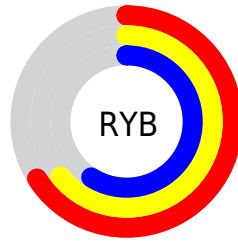
Distribution



Red (66%)

Green (62%)

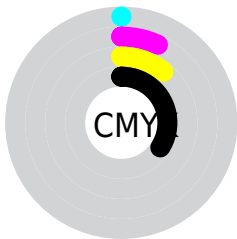
Blue (59%)



Red (66%)

Yellow (64%)

Blue (59%)

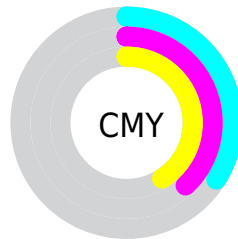


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (34%)



Cyan (34%)


Magenta (38%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.0907, 0.3310, 0.3406 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 35.0907, 0.3310, 0.3406 by changing the saturation by 10% instead.


 35.0907, 0.3310,
0.3406

 35.0907, 0.3310,
0.3406


324.9685, 0.3214,
0.3346

 23.7328, 0.3336,
0.3422

 67.6263, 0.3274,
0.3384

 15.1355, 0.3370,
0.3443


 89.5726, 0.3261,
0.3375

 8.9145, 0.3417,
0.3471


115.8173, 0.3250,
0.3368

 4.6855, 0.3487,
0.3513

146.7446, 0.3240,
0.3363

 2.0639, 0.3600,
0.3579

182.7390, 0.3232,
0.3357

 0.6442, 0.4148,
0.3952

224.1849, 0.3225,

 0.0000, 0.0000,

0.3353

0.0000

271.4666, 0.3219,
0.3349

■ 35.0907, 0.3310,
0.3406

■ 35.0907, 0.3310,
0.3406

■ 31.3696, 0.3500,
0.3515

■ 39.1611, 0.3146,
0.3303

■ 27.9836, 0.3718,
0.3628

■ 43.5853, 0.3005,
0.3206

■ 24.9243, 0.3965,
0.3740

■ 48.3737, 0.2883,
0.3117

■ 22.1809, 0.4241,
0.3844

■ 53.5348, 0.2779,
0.3035

■ 19.7423, 0.4539,
0.3931

■ 59.0766, 0.2688,
0.2961

■ 17.5965, 0.4848,
0.3989

■ 65.0072, 0.2609,
0.2893

■ 15.7304, 0.5150,
0.4006

■ 70.4448, 0.2606,
0.2970

■ 14.1294, 0.5422,
0.3973

■ 75.9612, 0.2621,
0.3083

■ 12.9284, 0.5631,
0.3911

■ 81.7888, 0.2635,
0.3193

Harmonies

Analogous

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



35.0907, 0.3306, 0.3332



35.0907, 0.3310, 0.3406



35.0907, 0.3264, 0.3450

Triad

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



35.0907, 0.3310, 0.3406



35.0907, 0.3002, 0.3330



35.0907, 0.3070, 0.3135

Complementary

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



35.0907, 0.3310, 0.3406



34.8641, 0.2956, 0.3171

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.



35.0907, 0.2991, 0.3132



35.0907, 0.3310, 0.3406



35.0907, 0.2952, 0.3244

Square

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



35.0907, 0.3310, 0.3406



35.0907, 0.3086, 0.3407



35.0907, 0.2948, 0.3171



35.0907, 0.3166, 0.3177

Rectangle

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



35.0907, 0.3310, 0.3406



35.0907, 0.3212, 0.3456



35.0907, 0.2948, 0.3171



35.0907, 0.3041, 0.3129

Sweetspot

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



35.0922, 0.3310, 0.3406



68.7416, 0.3174, 0.3321



32.8331, 0.3215, 0.3130



14.8547, 0.3186, 0.3329



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



35.0922, 0.3310, 0.3406



60.7548, 0.3364, 0.3438



38.4481, 0.3294, 0.3540



8.0398, 0.3276, 0.3385



9.7313, 0.5613, 0.3925



0.3386, 0.5040, 0.4381

Inverse Universe

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



34.8641, 0.2956, 0.3171



60.2480, 0.2910, 0.3137



31.6769, 0.2954, 0.3028



7.9970, 0.2987, 0.3193



8.7754, 0.1856, 0.1881



0.3112, 0.2000, 0.2398

Previews

White Background



This preview shows how the Yxy color 35.0907, 0.3310, 0.3406 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 35.0907, 0.3310, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

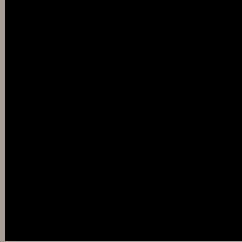
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0907, 0.3310, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 35.0907, 0.3310, 0.3406.



This preview shows how white text looks on a background with the Yxy color 35.0907, 0.3310, 0.3406.

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

35.0907, 0.3310, 0.3406

Protanopia

35.0300, 0.3259, 0.3407

Deuteranopia

34.9293, 0.3410, 0.3333



Tritanopia

34.9278, 0.3165, 0.3107

Trichromacy



Original Color

35.0907, 0.3310, 0.3406

Protanomaly

35.1376, 0.3269, 0.3407

Deuteranomaly

34.7910, 0.3366, 0.3348

Tritanomaly

34.8962, 0.3219, 0.3219

Monochromacy



Original Color

35.0907, 0.3310, 0.3406

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.9831, 0.3193, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0907, 0.3310, 0.3406 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(169, 158, 150)` looks like.

```
.text, #text, p{  
    color:rgb(169, 158, 150)  
}
```

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(169, 158, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 158, 150) }
```

Border

The CSS property to change the border of an element to Yxy 35.0907, 0.3310, 0.3406 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(169, 158, 150) }
```

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

```
.border{ border-color:rgb(169, 158, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 158, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 158, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 158, 150);  
box-shadow:4px 4px 4px 4px rgb(169, 158,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0907, 0.3310, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 158, 150) }
```

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

```
.background{ background-color: rgb(169,  
158, 150) }
```

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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