

Converting Colors

$Y_{xy}(40.1930, 0.3383, 0.3188)$

Have a look what the booklet for
Yxy(40.1930, 0.3383, 0.3188)
contains.

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Color

Yxy(39.9564, 0.3383, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	C3A1A9
RGB	195, 161, 169
RGB Percent	76%, 63%, 66%
CMY	0.2352, 0.3686, 0.3373
CMYK	0.00, 0.17, 0.13, 0.24
HSL	346°, 22%, 70%
HSV	346°, 17%, 76%
XYZ	42.4137, 39.9564, 43.0030
YIQ	172.0780, 17.6960, 9.6960

Conversions

Conversions Part 2

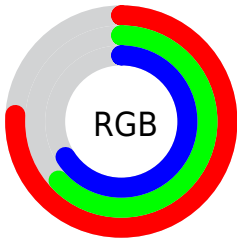
Format	Color
R_{YB}	195, 161, 169
Decimal	12820905
CIE _{Lab}	69.44, 13.82, 0.57
CIE _{LCh}	69, 13.827, 2.361
Yxy	39.9564, 0.3383, 0.3187
Android (android.graphics.Color)	4291010985 (0xFFC3A1A9)
YUV	172.0780, -1.5175, 20.1026
Hunter-Lab	63.2111, 9.1515, 3.9123

Details

The Yxy color **39.9564, 0.3383, 0.3187** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.2048, 0.2921, 0.3396**, and the grayscale version is **41.2987, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1890, 0.3336, 0.3210**, and **17.8844, 0.3462, 0.3149** is the 20% darker color. If you saturate the color by 10%, you get **33.1365, 0.3577, 0.3124**, and if you desaturate by 10%, it is **47.9069, 0.3225, 0.3248**.

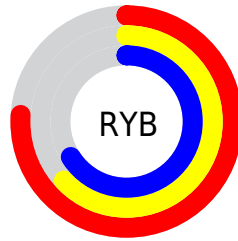
Distribution



Red (76%)

Green (63%)

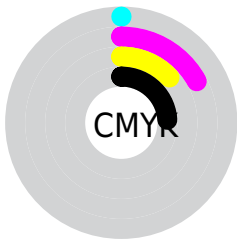
Blue (66%)



Red (76%)

Yellow (63%)

Blue (66%)

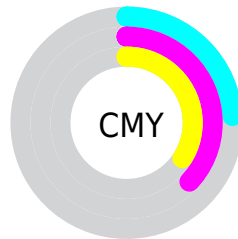


Cyan (0%)

Magenta (17%)

Yellow (13%)

Black (24%)



Cyan (24%)


Magenta (37%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.9564, 0.3383, 0.3187 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 39.9564, 0.3383, 0.3187 by changing the saturation by 10% instead.


 39.9564, 0.3383,
0.3187


 39.9564, 0.3383,
0.3187


345.9398, 0.3252,
0.3240

 27.5046, 0.3417,
0.3173


 75.0971, 0.3334,
0.3207

 17.9525, 0.3461,
0.3155


 98.5548, 0.3316,
0.3214

 10.9159, 0.3522,
0.3130


126.4498, 0.3301,
0.3220

 6.0103, 0.3609,
0.3095

159.1667, 0.3288,
0.3225

 2.8514, 0.3745,
0.3039

197.0897, 0.3277,
0.3230

 1.0546, 0.3986,
0.2938

240.6033, 0.3268,

 0.0000, 1.0000,

0.3234

0.0000

290.0918, 0.3259,
0.3237

0.0000, 0.0000,
0.0000

39.9564, 0.3383,
0.3187

39.9564, 0.3383,
0.3187

33.1365, 0.3577,
0.3124

47.9069, 0.3225,
0.3248

27.3906, 0.3815,
0.3061

57.0307, 0.3097,
0.3304

22.6651, 0.4101,
0.3002

67.3746, 0.2993,
0.3356

18.9000, 0.4436,
0.2954

78.9816, 0.2908,
0.3404

16.0286, 0.4812,
0.2927

89.6327, 0.2836,
0.3410

■ 13.9757, 0.5209,
0.2931

■ 90.3445, 0.2778,
0.3289

■ 12.6538, 0.5590,
0.2974

■ 11.9393, 0.5912,
0.3052

■ 11.7998, 0.5986,
0.3071

Harmonies

Analogous

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



39.9564, 0.3191, 0.3043



39.9564, 0.3383, 0.3187



39.9564, 0.3507, 0.3360

Triad

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



39.9564, 0.3383, 0.3187



39.9564, 0.3259, 0.3644



39.9564, 0.2745, 0.3044

Complementary

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



39.9564, 0.3383, 0.3187



50.2048, 0.2921, 0.3396

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.



39.9564, 0.2762, 0.3201



39.9564, 0.3383, 0.3187



39.9564, 0.3054, 0.3557

Square

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



39.9564, 0.3383, 0.3187



39.9564, 0.3432, 0.3628



39.9564, 0.2874, 0.3391



39.9564, 0.2825, 0.2959

Rectangle

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



39.9564, 0.3383, 0.3187



39.9564, 0.3531, 0.3471



39.9564, 0.2874, 0.3391



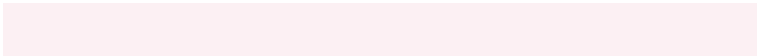
39.9564, 0.2739, 0.3090

Sweetspot

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



39.9582, 0.3383, 0.3187



89.4565, 0.3192, 0.3261



39.9343, 0.3070, 0.2853



19.3437, 0.3202, 0.3257



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



39.9582, 0.3383, 0.3187



66.5741, 0.3454, 0.3163



42.7418, 0.3440, 0.3401



10.1158, 0.3253, 0.3236



7.6787, 0.5953, 0.3053



0.3429, 0.5306, 0.2697

Inverse Universe

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



39.9582, 0.3383, 0.3187



66.5741, 0.3454, 0.3163



46.8526, 0.2862, 0.3176



10.1158, 0.3253, 0.3236



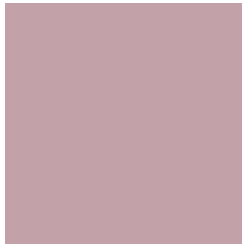
7.6787, 0.5953, 0.3053



0.3429, 0.5306, 0.2697

Previews

White Background



This preview shows how the Yxy color 39.9564, 0.3383, 0.3187 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 39.9564, 0.3383, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

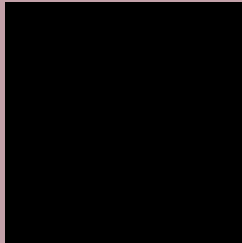
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9564, 0.3383, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 39.9564, 0.3383, 0.3187.



This preview shows how white text looks on a background with the Yxy color 39.9564, 0.3383, 0.3187.

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

39.9564, 0.3383, 0.3187

Protanopia

40.2026, 0.3112, 0.3221

Deuteranopia

39.9429, 0.3310, 0.3237



Tritanopia

39.8945, 0.3356, 0.3123

Trichromacy



Original Color

39.9564, 0.3383, 0.3187

Protanomaly

39.9543, 0.3205, 0.3209

Deuteranomaly

39.9687, 0.3340, 0.3225

Tritanomaly

39.8559, 0.3366, 0.3136

Monochromacy



Original Color

39.9564, 0.3383, 0.3187

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.6488, 0.3212, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9564, 0.3383, 0.3187 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(195, 161, 169)` looks like.

```
.text, #text, p{  
    color:rgb(195, 161, 169)  
}
```

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(195, 161, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 161, 169) }
```

Border

The CSS property to change the border of an element to Yxy 39.9564, 0.3383, 0.3187 is called "border". The border property can be set on classes, ids or directly on the HTML element.

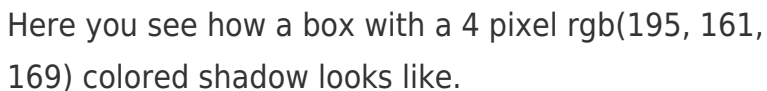
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 161, 169) }
```

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

```
.border{ border-color:rgb(195, 161, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 161, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 161, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 161, 169); box-shadow:4px 4px 4px 4px rgb(195, 161, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9564, 0.3383, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 161, 169) }
```

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

```
.background{ background-color: rgb(195,  
161, 169) }
```

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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