

Converting Colors

$Y_{xy}(41.2083, 0.3093, 0.3209)$

Have a look what the booklet for
Yxy(41.2083, 0.3093, 0.3209)
contains.

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Color

Yxy(41.1844, 0.3095, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	ADABB1
RGB	173, 171, 177
RGB Percent	68%, 67%, 69%
CMY	0.3216, 0.3294, 0.3058
CMYK	0.02, 0.03, 0.00, 0.31
HSL	260°, 4%, 68%
HSV	260°, 3%, 69%
XYZ	39.7337, 41.1844, 47.4622
YIQ	172.2820, -0.7340, 2.2900

Conversions

Conversions Part 2

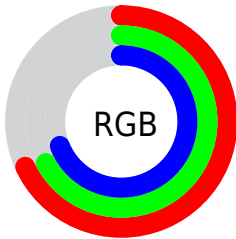
Format	Color
RYB	173, 171, 177
Decimal	11381681
CIELab	70.30, 1.86, -2.84
CIELCh	70, 3.395, 303.156
Yxy	41.1844, 0.3095, 0.3208
Android (android.graphics.Color)	4289571761 (0xFFADABB1)
YUV	172.2820, 2.3260, 0.6297
Hunter-Lab	64.1751, -1.7889, 1.0732

Details

The Yxy color **41.1844, 0.3095, 0.3208** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.5115, 0.3159, 0.3372**, and the grayscale version is **41.3948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7699, 0.3096, 0.3216**, and **18.7138, 0.3094, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **33.6502, 0.2990, 0.2950**, and if you desaturate by 10%, it is **49.7373, 0.3185, 0.3441**.

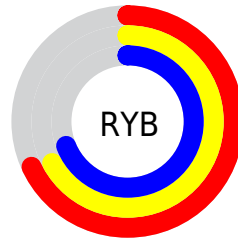
Distribution



Red (68%)

Green (67%)

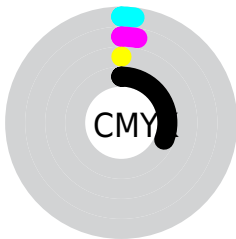
Blue (69%)



Red (68%)

Yellow (67%)

Blue (69%)

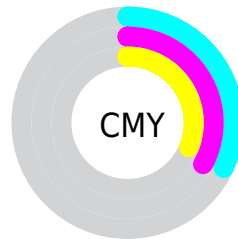


Cyan (2%)

Magenta (3%)

Yellow (0%)

Black (31%)



Cyan (32%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1844, 0.3095, 0.3208 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 41.1844, 0.3095, 0.3208 by changing the saturation by 10% instead.

■ 41.1844, 0.3095,
0.3208

■ 41.1844, 0.3095,
0.3208

351.0907, 0.3112,
0.3250

■ 28.4632, 0.3091,
0.3197

■ 76.9637, 0.3101,
0.3223

■ 18.6751, 0.3085,
0.3183

100.7907, 0.3103,
0.3229

■ 11.4358, 0.3078,
0.3165

129.0883, 0.3105,
0.3234

■ 6.3607, 0.3067,
0.3138

162.2410, 0.3107,
0.3238

■ 3.0657, 0.3050,
0.3097

200.6332, 0.3108,
0.3242

■ 1.1661, 0.3020,
0.3026

244.6493, 0.3110,

■ 0.0338, 0.2233,

0.3245

0.0974

294.6737, 0.3111,
0.3247

0.0000, 0.0000,
0.0000

41.1844, 0.3095,
0.3208

41.1844, 0.3095,
0.3208

33.6502, 0.2990,
0.2950

49.7373, 0.3185,
0.3441

27.0911, 0.2870,
0.2668

59.3399, 0.3261,
0.3648

21.4678, 0.2734,
0.2367

70.0286, 0.3326,
0.3832

16.7365, 0.2584,
0.2053

81.8362, 0.3381,
0.3995

12.8498, 0.2423,
0.1739

91.8799, 0.3436,
0.4098

■ 9.7558, 0.2258,
0.1440

■ 93.9296, 0.3516,
0.4077

■ 7.3966, 0.2096,
0.1175

■ 95.9553, 0.3591,
0.4057

■ 5.7062, 0.1947,
0.0961

■ 4.6058, 0.1818,
0.0809

Harmonies

Analogous

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



41.1844, 0.3054, 0.3208



41.1844, 0.3095, 0.3208



41.1844, 0.3145, 0.3229

Triad

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



41.1844, 0.3095, 0.3208



41.1844, 0.3223, 0.3349



41.1844, 0.3064, 0.3314

Complementary

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



41.1844, 0.3095, 0.3208



43.5115, 0.3159, 0.3372

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.



41.1844, 0.3109, 0.3352



41.1844, 0.3095, 0.3208



41.1844, 0.3201, 0.3373

Square

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



41.1844, 0.3095, 0.3208



41.1844, 0.3219, 0.3310



41.1844, 0.3159, 0.3374



41.1844, 0.3036, 0.3269

Rectangle

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



41.1844, 0.3095, 0.3208



41.1844, 0.3177, 0.3253



41.1844, 0.3159, 0.3374



41.1844, 0.3078, 0.3328

Sweetspot

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



41.1862, 0.3095, 0.3208



77.2239, 0.3118, 0.3266



42.5392, 0.3076, 0.3264



16.7535, 0.3118, 0.3267



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



41.1862, 0.3095, 0.3208



72.7853, 0.3088, 0.3192



41.5229, 0.3121, 0.3209



9.1802, 0.3083, 0.3177



2.9963, 0.1756, 0.0741



0.1269, 0.2091, 0.0925

Inverse Universe

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



41.5730, 0.3148, 0.3236



73.6110, 0.3152, 0.3225



43.1769, 0.3133, 0.3372



9.3006, 0.3156, 0.3215



7.7373, 0.4248, 0.2114



0.2537, 0.3893, 0.1918

Previews

White Background



This preview shows how the Yxy color 41.1844, 0.3095, 0.3208 looks on a white background.

Color Contrast Check

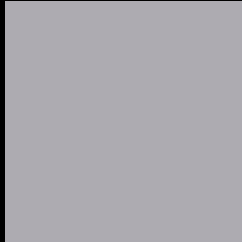
Large Text (above 18pt) WCAG AA × Fail

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 41.1844, 0.3095, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

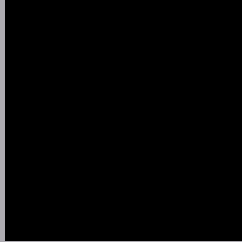
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

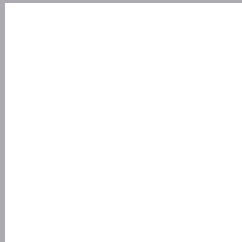
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.1844, 0.3095, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 41.1844, 0.3095, 0.3208.



This preview shows how white text looks on a background with the Yxy color 41.1844, 0.3095, 0.3208.

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

41.1844, 0.3095, 0.3208

Protanopia

41.1844, 0.3095, 0.3208

Deuteranopia

41.2909, 0.3208, 0.3146



Tritanopia

41.1670, 0.3055, 0.3115

Trichromacy



Original Color

41.1844, 0.3095, 0.3208

Protanomaly

41.1844, 0.3095, 0.3208

Deuteranomaly

41.0434, 0.3161, 0.3157

Tritanomaly

41.0843, 0.3072, 0.3141

Monochromacy



Original Color

41.1844, 0.3095, 0.3208

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.3317, 0.3111, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1844, 0.3095, 0.3208 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(173, 171, 177)` looks like.

```
.text, #text, p{  
    color:rgb(173, 171, 177)  
}
```

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(173, 171, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 171, 177) }
```

Border

The CSS property to change the border of an element to Yxy 41.1844, 0.3095, 0.3208 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(173, 171, 177) }
```

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

```
.border{ border-color:rgb(173, 171, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 171, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 171, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 171, 177);  
box-shadow:4px 4px 4px 4px rgb(173, 171,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1844, 0.3095, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 171, 177) }
```

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

```
.background{ background-color: rgb(173,  
171, 177) }
```

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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