

Converting Colors

$Y_{xy}(41.8835, 0.3195, 0.3174)$

Have a look what the booklet for
Yxy(41.8835, 0.3195, 0.3174)
contains.

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Color

Yxy(41.9046, 0.3196, 0.3172)

Conversions

Conversions Part 1

Format	Color
Hex	B9A9B2
RGB	185, 169, 178
RGB Percent	73%, 66%, 70%
CMY	0.2747, 0.3372, 0.3020
CMYK	0.00, 0.09, 0.04, 0.27
HSL	326°, 10%, 69%
HSV	326°, 9%, 73%
XYZ	42.2217, 41.9046, 47.9816
YIQ	174.8100, 6.6470, 6.1910

Conversions

Conversions Part 2

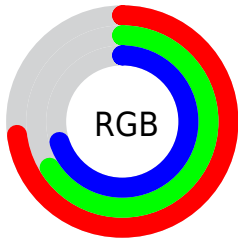
Format	Color
RYB	185, 169, 178
Decimal	12167602
CIELab	70.81, 7.35, -2.53
CIELCh	71, 7.771, 340.988
Yxy	41.9046, 0.3196, 0.3172
Android (android.graphics.Color)	4290357682 (0xFFB9A9B2)
YUV	174.8100, 1.5727, 8.9366
Hunter-Lab	64.7338, 3.1400, 1.3671

Details

The Yxy color $41.9046, 0.3196, 0.3172$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.2468, 0.3064, 0.3411$, and the grayscale version is $42.7535, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.9526, 0.3181, 0.3188$, and $19.1088, 0.3223, 0.3146$ is the 20% darker color. If you saturate the color by 10%, you get $35.1889, 0.3291, 0.3028$, and if you desaturate by 10%, it is $49.6164, 0.3117, 0.3308$.

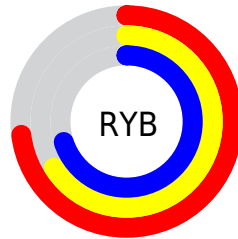
Distribution



Red (73%)

Green (66%)

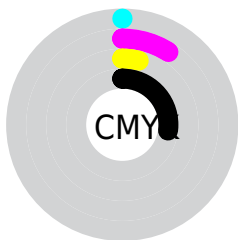
Blue (70%)



Red (73%)

Yellow (66%)

Blue (70%)

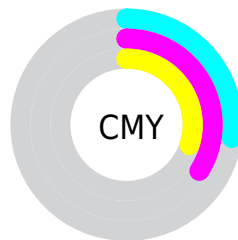


Cyan (0%)

Magenta (9%)

Yellow (4%)

Black (27%)



Cyan (27%)


Magenta (34%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9046, 0.3196, 0.3172 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 41.9046, 0.3196, 0.3172 by changing the saturation by 10% instead.


 41.9046, 0.3196,
0.3172


 41.9046, 0.3196,
0.3172

354.0873, 0.3161,
0.3232

 29.0266, 0.3205,
0.3157


 78.0552, 0.3183,
0.3194

 19.1009, 0.3216,
0.3137


 102.0966, 0.3179,
0.3202

 11.7432, 0.3231,
0.3111


130.6280, 0.3175,
0.3209

 6.5691, 0.3253,
0.3074

164.0336, 0.3171,
0.3215

 3.1941, 0.3286,
0.3018

202.6980, 0.3168,
0.3220

 1.2339, 0.3342,
0.2923

247.0055, 0.3166,

 0.0891, 0.4210,

0.3224

0.1421

297.3404, 0.3163,
0.3228

0.0000, 0.0000,
0.0000

41.9046, 0.3196,
0.3172

41.9046, 0.3196,
0.3172

35.1889, 0.3291,
0.3028

49.6164, 0.3117,
0.3308

29.4229, 0.3403,
0.2880

58.3574, 0.3051,
0.3436

24.5646, 0.3535,
0.2733

68.1660, 0.2997,
0.3555

20.5667, 0.3688,
0.2592

79.0768, 0.2952,
0.3664

17.3775, 0.3861,
0.2469

86.9078, 0.2912,
0.3697

■ 14.9399, 0.4052,
0.2373

■ 87.3416, 0.2870,
0.3604

■ 13.1889, 0.4254,
0.2317

■ 87.7961, 0.2828,
0.3513

■ 12.0487, 0.4460,
0.2309

■ 88.2719, 0.2787,
0.3424

■ 11.3912, 0.4662,
0.2351

■ 88.7690, 0.2747,
0.3336

Harmonies

Analogous

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



41.9046, 0.3082, 0.3114



41.9046, 0.3196, 0.3172



41.9046, 0.3293, 0.3261

Triad

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



41.9046, 0.3196, 0.3172



41.9046, 0.3273, 0.3484



41.9046, 0.2914, 0.3215

Complementary

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



41.9046, 0.3196, 0.3172



46.2468, 0.3064, 0.3411

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.



41.9046, 0.2964, 0.3317



41.9046, 0.3196, 0.3172



41.9046, 0.3169, 0.3475

Square

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



41.9046, 0.3196, 0.3172



41.9046, 0.3337, 0.3441



41.9046, 0.3056, 0.3413



41.9046, 0.2921, 0.3136

Rectangle

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



41.9046, 0.3196, 0.3172



41.9046, 0.3334, 0.3327



41.9046, 0.3056, 0.3413



41.9046, 0.2925, 0.3248

Sweetspot

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



41.9064, 0.3196, 0.3172



82.5619, 0.3150, 0.3249



41.1061, 0.3056, 0.3077



17.5589, 0.3157, 0.3238



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.



41.9064, 0.3196, 0.3172



73.1170, 0.3210, 0.3150



41.5976, 0.3265, 0.3276



9.0947, 0.3202, 0.3162



7.7224, 0.4667, 0.2345



0.2844, 0.4195, 0.2085

Inverse Universe

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



41.9064, 0.3196, 0.3172



73.1170, 0.3210, 0.3150



46.5693, 0.3004, 0.3304



9.0947, 0.3202, 0.3162



7.7224, 0.4667, 0.2345



0.2844, 0.4195, 0.2085

Previews

White Background



This preview shows how the Yxy color 41.9046, 0.3196, 0.3172 looks on a white background.

Color Contrast Check

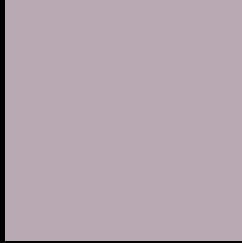
Large Text (above 18pt) WCAG AA × Fail

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 41.9046, 0.3196, 0.3172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

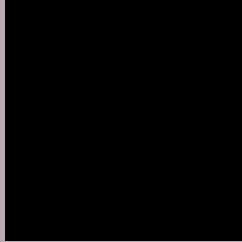
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

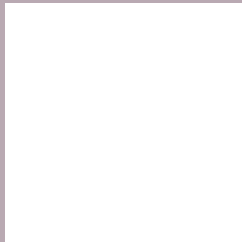
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.9046, 0.3196, 0.3172

Background



This preview shows how black text looks on a background with the Yxy color 41.9046, 0.3196, 0.3172.



This preview shows how white text looks on a background with the Yxy color 41.9046, 0.3196, 0.3172.

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

41.9046, 0.3196, 0.3172

Protanopia

41.7990, 0.3079, 0.3182

Deuteranopia

41.9110, 0.3225, 0.3160



Tritanopia

41.6970, 0.3163, 0.3107

Trichromacy



Original Color

41.9046, 0.3196, 0.3172

Protanomaly

41.8455, 0.3123, 0.3183

Deuteranomaly

41.7844, 0.3216, 0.3159

Tritanomaly

41.6557, 0.3172, 0.3120

Monochromacy



Original Color

41.9046, 0.3196, 0.3172

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.6054, 0.3156, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9046, 0.3196, 0.3172 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, 169, 178)` looks like.

```
.text, #text, p{  
    color:rgb(185, 169, 178)  
}
```

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, 169, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 169, 178) }
```

Border

The CSS property to change the border of an element to Yxy 41.9046, 0.3196, 0.3172 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, 169, 178) }
```

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

```
.border{ border-color:rgb(185, 169, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 169, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 169, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 169, 178);  
box-shadow:4px 4px 4px 4px rgb(185, 169,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9046, 0.3196, 0.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 169, 178) }
```

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

```
.background{ background-color: rgb(185,  
169, 178) }
```

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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