

Converting Colors

Yxy(46.8229, 0.3141, 0.3236)

Have a look what the booklet for
Yxy(46.8229, 0.3141, 0.3236)
contains.

Yxy(46.9896, 0.3138, 0.3239)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.9896, 0.3138, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	BAB5B9
RGB	186, 181, 185
RGB Percent	73%, 71%, 73%
CMY	0.2707, 0.2901, 0.2746
CMYK	0.00, 0.03, 0.01, 0.27
HSL	312°, 3%, 72%
HSV	312°, 3%, 73%
XYZ	45.5243, 46.9896, 52.5605
YIQ	182.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

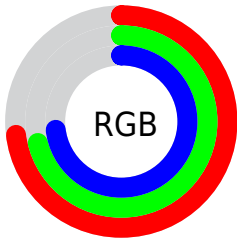
Format	Color
R_{YB}	186, 181, 185
Decimal	12236217
CIE Lab	74.18, 2.49, -1.40
CIE LCh	74, 2.854, 330.568
Yxy	46.9896, 0.3138, 0.3239
Android (android.graphics.Color)	4290426297 (0xFFBAB5B9)
YUV	182.9510, 1.0102, 2.6740
Hunter-Lab	68.5490, -1.4163, 2.5232

Details

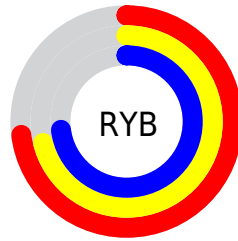
The Yxy color `46.9896, 0.3138, 0.3239` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `48.3102, 0.3117, 0.3342`, and the grayscale version is `47.3181, 0.3127, 0.3290`.

A 20% lighter version of the original color is `85.7965, 0.3136, 0.3250`, and `22.0908, 0.3142, 0.3220` is the 20% darker color. If you saturate the color by 10%, you get `39.7712, 0.3183, 0.3042`, and if you desaturate by 10%, it is `55.2258, 0.3100, 0.3426`.

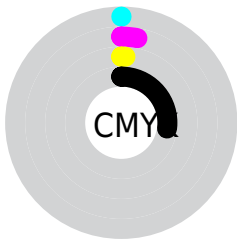
Distribution



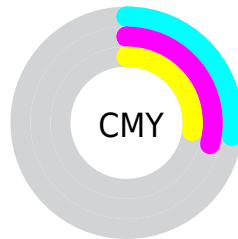
- Red (73%)
- Green (71%)
- Blue (73%)



- Red (73%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (27%)



- Cyan (27%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.9896, 0.3138, 0.3239 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 46.9896, 0.3138, 0.3239 by changing the saturation by 10% instead.

■ 46.9896, 0.3138,
0.3239

■ 46.9896, 0.3138,
0.3239

374.7730, 0.3133,
0.3264

■ 33.0274, 0.3139,
0.3233

■ 85.6981, 0.3136,
0.3248

■ 22.1475, 0.3141,
0.3225

111.2132, 0.3135,
0.3252

■ 13.9653, 0.3143,
0.3214

141.3481, 0.3135,
0.3255

■ 8.0965, 0.3146,
0.3199

176.4872, 0.3134,
0.3257

■ 4.1568, 0.3151,
0.3176

217.0148, 0.3134,
0.3259

■ 1.7616, 0.3158,
0.3139

263.3154, 0.3133,

■ 0.4631, 0.3198,

0.3261

0.2957

315.7733, 0.3133,
0.3263

0.0000, 0.0000,
0.0000

46.9896, 0.3138,
0.3239

46.9896, 0.3138,
0.3239

39.7712, 0.3183,
0.3042

55.2258, 0.3100,
0.3426

33.5246, 0.3234,
0.2840

64.5111, 0.3067,
0.3602

28.2097, 0.3293,
0.2636

74.8832, 0.3039,
0.3765

23.7809, 0.3358,
0.2440

86.1179, 0.3016,
0.3911

20.1889, 0.3429,
0.2258

86.2933, 0.2996,
0.3868

■ 17.3796, 0.3504,
0.2101

■ 86.4730, 0.2976,
0.3824

■ 15.2926, 0.3582,
0.1979

■ 86.6569, 0.2957,
0.3781

■ 13.8584, 0.3660,
0.1899

■ 86.8451, 0.2937,
0.3738

■ 12.9940, 0.3735,
0.1865

■ 87.0377, 0.2917,
0.3696

Harmonies

Analogous

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



46.9896, 0.3098, 0.3223



46.9896, 0.3138, 0.3239



46.9896, 0.3175, 0.3268

Triad

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



46.9896, 0.3138, 0.3239



46.9896, 0.3189, 0.3355



46.9896, 0.3055, 0.3276

Complementary

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



46.9896, 0.3138, 0.3239



48.3102, 0.3117, 0.3342

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.



46.9896, 0.3079, 0.3312



46.9896, 0.3138, 0.3239



46.9896, 0.3156, 0.3358

Square

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



46.9896, 0.3138, 0.3239



46.9896, 0.3205, 0.3335



46.9896, 0.3116, 0.3342



46.9896, 0.3051, 0.3245

Rectangle

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



46.9896, 0.3138, 0.3239



46.9896, 0.3193, 0.3292



46.9896, 0.3116, 0.3342



46.9896, 0.3061, 0.3288

Sweetspot

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



46.9916, 0.3138, 0.3239



87.5370, 0.3131, 0.3271



46.5334, 0.3096, 0.3226



19.2934, 0.3131, 0.3272



95.5105, 0.3127, 0.3290



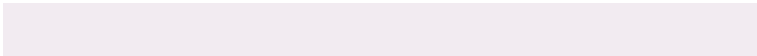
19.5994, 0.3127, 0.3290

Same Dimension

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



46.9916, 0.3138, 0.3239



84.6671, 0.3140, 0.3232



46.8911, 0.3157, 0.3270



10.0220, 0.3142, 0.3219



8.4915, 0.3780, 0.1856



0.3073, 0.3607, 0.1761

Inverse Universe

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



46.9916, 0.3138, 0.3239



84.6671, 0.3140, 0.3232



48.4103, 0.3098, 0.3310



10.0220, 0.3142, 0.3219



8.4915, 0.3780, 0.1856



0.3073, 0.3607, 0.1761

Previews

White Background



This preview shows how the Yxy color 46.9896, 0.3138, 0.3239 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 46.9896, 0.3138, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

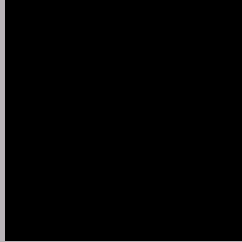
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

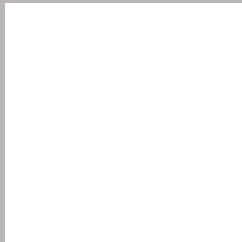
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.9896, 0.3138, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 46.9896, 0.3138, 0.3239.

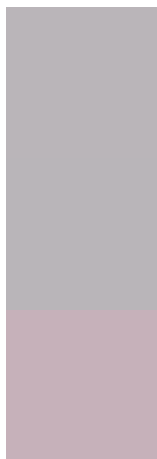


This preview shows how white text looks on a background with the Yxy color 46.9896, 0.3138, 0.3239.

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

46.9896, 0.3138, 0.3239

Protanopia

46.8648, 0.3130, 0.3239

Deuteranopia

46.9952, 0.3238, 0.3178



Tritanopia

47.1024, 0.3076, 0.3113

Trichromacy



Original Color

46.9896, 0.3138, 0.3239

Protanomaly

46.8648, 0.3130, 0.3239

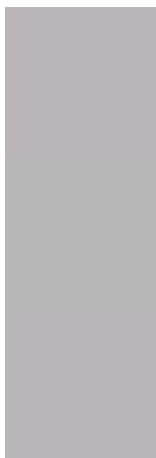
Deuteranomaly

46.8553, 0.3201, 0.3189

Tritanomaly

46.9689, 0.3100, 0.3150

Monochromacy



Original Color

46.9896, 0.3138, 0.3239

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.1069, 0.3128, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.9896, 0.3138, 0.3239 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(186, 181, 185)` looks like.

```
.text, #text, p{  
    color:rgb(186, 181, 185)  
}
```

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(186, 181, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 181, 185) }
```

Border

The CSS property to change the border of an element to Yxy 46.9896, 0.3138, 0.3239 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(186, 181, 185) }
```

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

```
.border{ border-color:rgb(186, 181, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 181, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 181, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 181, 185);  
box-shadow:4px 4px 4px 4px rgb(186, 181,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 46.9896, 0.3138, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 181, 185) }
```

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

```
.background{ background-color: rgb(186,  
181, 185) }
```

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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