

Converting Colors

Yxy(47.6059, 0.3190, 0.3394)

Have a look what the booklet for
Yxy(47.6059, 0.3190, 0.3394)
contains.

Yxy(47.6059, 0.3190, 0.3394)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.6059, 0.3190, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	B8B8B0
RGB	184, 184, 176
RGB Percent	72%, 72%, 69%
CMY	0.2785, 0.2784, 0.3097
CMYK	0.00, 0.00, 0.04, 0.28
HSL	60°, 5%, 71%
HSV	60°, 4%, 72%
XYZ	44.7445, 47.6059, 47.9145
YIQ	183.0880, 2.5680, -2.4880

Conversions

Conversions Part 2

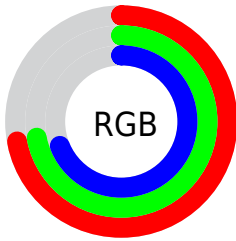
Format	Color
RYB	176, 184, 176
Decimal	12105904
CIELab	74.58, -1.45, 4.04
CIELCh	75, 4.294, 109.785
Yxy	47.6059, 0.3190, 0.3394
Android (android.graphics.Color)	4290295984 (0xFFB8B8B0)
YUV	183.0880, -3.4944, 0.7998
Hunter-Lab	68.9970, -4.9877, 7.1244

Details

The Yxy color **47.6059, 0.3190, 0.3394** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.7529, 0.3063, 0.3184**, and the grayscale version is **47.4243, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.6716, 0.3176, 0.3371**, and **22.5131, 0.3203, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **46.9254, 0.3338, 0.3640**, and if you desaturate by 10%, it is **48.3893, 0.3047, 0.3157**.

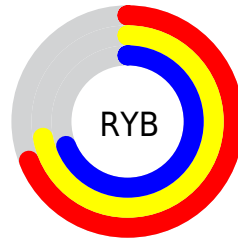
Distribution



Red (72%)

Green (72%)

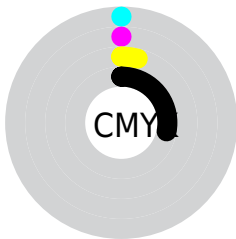
Blue (69%)



Red (69%)

Yellow (72%)

Blue (69%)

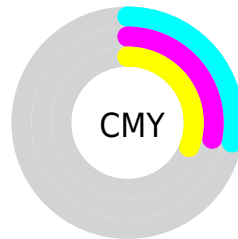


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (28%)



Cyan (28%)

Magenta (28%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.6059, 0.3190, 0.3394 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 47.6059, 0.3190, 0.3394 by changing the saturation by 10% instead.

■ 47.6059, 0.3190,
0.3394

■ 47.6059, 0.3190,
0.3394

377.2279, 0.3159,
0.3342

■ 33.5149, 0.3198,
0.3407

■ 86.6173, 0.3179,
0.3375

■ 22.5212, 0.3208,
0.3424

112.3066, 0.3174,
0.3368

■ 14.2404, 0.3221,
0.3446

142.6307, 0.3171,
0.3362

■ 8.2880, 0.3239,
0.3477

177.9740, 0.3168,
0.3357

■ 4.2798, 0.3266,
0.3524

218.7210, 0.3165,
0.3352

■ 1.8313, 0.3311,
0.3602

265.2561, 0.3163,

■ 0.5066, 0.3651,

0.3349

0.4147

317.9635, 0.3161,
0.3345

0.0000, 0.0000,
0.0000

47.6059, 0.3190,
0.3394

47.6059, 0.3190,
0.3394

46.9254, 0.3338,
0.3640

48.3893, 0.3047,
0.3157

46.3376, 0.3488,
0.3888

49.2731, 0.2912,
0.2934

45.8404, 0.3636,
0.4133

50.2628, 0.2786,
0.2726

45.4293, 0.3775,
0.4364

51.3620, 0.2670,
0.2534

45.0993, 0.3901,
0.4572

51.7063, 0.2639,
0.2481

■ 44.8450, 0.4007,
0.4748

■ 51.7090, 0.2639,
0.2481

■ 44.6604, 0.4090,
0.4886

■ 51.7118, 0.2639,
0.2481

■ 44.5385, 0.4147,
0.4981

■ 51.7145, 0.2639,
0.2481

■ 44.4708, 0.4180,
0.5035

■ 51.7173, 0.2639,
0.2481

Harmonies

Analogous

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



47.6059, 0.3231, 0.3380



47.6059, 0.3190, 0.3394



47.6059, 0.3132, 0.3380

Triad

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



47.6059, 0.3190, 0.3394



47.6059, 0.3012, 0.3237



47.6059, 0.3181, 0.3240

Complementary

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



47.6059, 0.3190, 0.3394



43.7529, 0.3063, 0.3184

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.



47.6059, 0.3121, 0.3203



47.6059, 0.3190, 0.3394



47.6059, 0.3024, 0.3200

Square

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



47.6059, 0.3190, 0.3394



47.6059, 0.3030, 0.3289



47.6059, 0.3064, 0.3188



47.6059, 0.3226, 0.3291

Rectangle

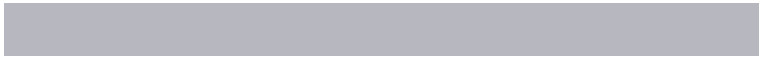
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.6059, 0.3190, 0.3394



47.6059, 0.3092, 0.3356



47.6059, 0.3064, 0.3188



47.6059, 0.3162, 0.3225

Sweetspot

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



47.6080, 0.3190, 0.3394



86.7481, 0.3142, 0.3314



44.3848, 0.3198, 0.3290



18.7027, 0.3141, 0.3313



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.



47.6080, 0.3190, 0.3394



86.1996, 0.3201, 0.3412



47.1230, 0.3156, 0.3395



10.5610, 0.3208, 0.3425



30.6307, 0.4191, 0.5054



1.0800, 0.4192, 0.5054

Inverse Universe

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



43.7529, 0.3063, 0.3184



78.0533, 0.3052, 0.3165



44.2241, 0.3097, 0.3185



9.4642, 0.3044, 0.3152



2.3863, 0.1501, 0.0600



0.0843, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 47.6059, 0.3190, 0.3394 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 47.6059, 0.3190, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

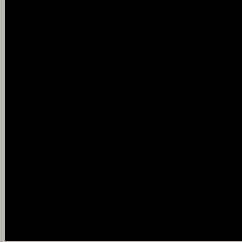
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

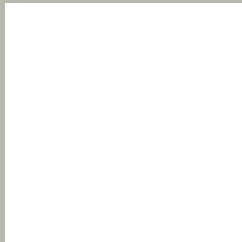
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.6059, 0.3190, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 47.6059, 0.3190, 0.3394.



This preview shows how white text looks on a background with the Yxy color 47.6059, 0.3190, 0.3394.

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

47.6059, 0.3190, 0.3394

Protanopia

47.7809, 0.3242, 0.3393

Deuteranopia

47.3151, 0.3358, 0.3291



Tritanopia

47.5527, 0.3068, 0.3113

Trichromacy



Original Color

47.6059, 0.3190, 0.3394

Protanomaly

47.5269, 0.3225, 0.3394

Deuteranomaly

47.5526, 0.3291, 0.3328

Tritanomaly

47.5258, 0.3114, 0.3213

Monochromacy



Original Color

47.6059, 0.3190, 0.3394

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.2295, 0.3151, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6059, 0.3190, 0.3394 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(184, 184, 176)` looks like.

```
.text, #text, p{  
    color:rgb(184, 184, 176)  
}
```

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(184, 184, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 184, 176) }
```

Border

The CSS property to change the border of an element to Yxy 47.6059, 0.3190, 0.3394 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(184, 184, 176) }
```

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

```
.border{ border-color:rgb(184, 184, 176) }
```

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

Here you see how a box with a 4 pixel rgb(184, 184, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 184, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 184, 176);  
box-shadow:4px 4px 4px 4px rgb(184, 184,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6059, 0.3190, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 184, 176) }
```

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

```
.background{ background-color: rgb(184,  
184, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor