

Converting Colors

$Yxy(47.8647, 0.2999, 0.3174)$

Have a look what the booklet for
Yxy(47.8647, 0.2999, 0.3174)
contains.

Yxy(47.9401, 0.2993, 0.3173)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.9401, 0.2993, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	B1B9C2
RGB	177, 185, 194
RGB Percent	69%, 73%, 76%
CMY	0.3059, 0.2745, 0.2391
CMYK	0.09, 0.05, 0.00, 0.24
HSL	212°, 12%, 73%
HSV	212°, 9%, 76%
XYZ	45.2205, 47.9401, 57.9270
YIQ	183.6340, -7.6570, 1.1030

Conversions

Conversions Part 2

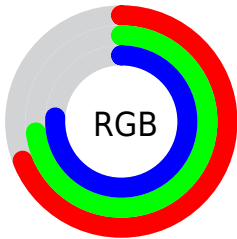
Format	Color
R _{YB}	177, 182, 194
Decimal	11647426
CIE Lab	74.79, -0.99, -5.53
CIE LCh	75, 5.616, 259.843
Yxy	47.9401, 0.2993, 0.3173
Android (android.graphics.Color)	4289837506 (0xFFB1B9C2)
YUV	183.6340, 5.1104, -5.8180
Hunter-Lab	69.2388, -4.5878, -1.1364

Details

The Yxy color $47.9401, 0.2993, 0.3173$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $49.7785, 0.3266, 0.3404$, and the grayscale version is $47.6967, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.1364, 0.3022, 0.3199$, and $22.6811, 0.2956, 0.3148$ is the 20% darker color. If you saturate the color by 10%, you get $41.6734, 0.2834, 0.3025$, and if you desaturate by 10%, it is $54.8463, 0.3145, 0.3305$.

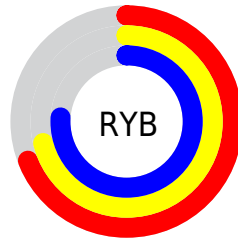
Distribution



Red (69%)

Green (73%)

Blue (76%)



Red (69%)

Yellow (71%)

Blue (76%)

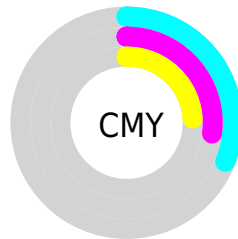


Cyan (9%)

Magenta (5%)

Yellow (0%)

Black (24%)



Cyan (31%)

Magenta (27%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.9401, 0.2993, 0.3173 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 47.9401, 0.2993, 0.3173 by changing the saturation by 10% instead.

■ 47.9401, 0.2993,
0.3173

■ 47.9401, 0.2993,
0.3173

378.5546, 0.3060,
0.3231

■ 33.7795, 0.2977,
0.3158

■ 87.1152, 0.3017,
0.3194

■ 22.7242, 0.2955,
0.3140

112.8985, 0.3026,
0.3202

■ 14.3900, 0.2927,
0.3115

143.3247, 0.3034,
0.3209

■ 8.3924, 0.2889,
0.3081

178.7784, 0.3040,
0.3215

■ 4.3471, 0.2831,
0.3030

219.6438, 0.3046,
0.3220

■ 1.8695, 0.2737,
0.2945

266.3054, 0.3051,

■ 0.5300, 0.2430,

0.3224

0.2686

319.1475, 0.3056,
0.3228

0.0000, 0.0000,
0.0000

47.9401, 0.2993,
0.3173

47.9401, 0.2993,
0.3173

41.6734, 0.2834,
0.3025

54.8463, 0.3145,
0.3305

36.0199, 0.2670,
0.2862

62.4051, 0.3289,
0.3423

30.9605, 0.2505,
0.2684

70.6368, 0.3424,
0.3526

26.4723, 0.2343,
0.2492

79.5587, 0.3550,
0.3617

22.5308, 0.2188,
0.2292

85.4011, 0.3530,
0.3717

■ 19.1096, 0.2047,
0.2086

■ 91.5117, 0.3507,
0.3814

■ 16.1790, 0.1925,
0.1880

■ 96.6765, 0.3490,
0.3889

■ 13.7053, 0.1826,
0.1681

■ 11.6376, 0.1751,
0.1495

Harmonies

Analogous

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



47.9401, 0.2977, 0.3220



47.9401, 0.2993, 0.3173



47.9401, 0.3045, 0.3157

Triad

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



47.9401, 0.2993, 0.3173



47.9401, 0.3256, 0.3291



47.9401, 0.3134, 0.3408

Complementary

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



47.9401, 0.2993, 0.3173



49.7785, 0.3266, 0.3404

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.



47.9401, 0.3209, 0.3426



47.9401, 0.2993, 0.3173



47.9401, 0.3280, 0.3357

Square

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



47.9401, 0.2993, 0.3173



47.9401, 0.3197, 0.3225



47.9401, 0.3263, 0.3407



47.9401, 0.3057, 0.3357

Rectangle

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



47.9401, 0.2993, 0.3173



47.9401, 0.3093, 0.3166



47.9401, 0.3263, 0.3407



47.9401, 0.3160, 0.3418

Sweetspot

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



47.9421, 0.2993, 0.3173



93.8494, 0.3081, 0.3251



51.4816, 0.3052, 0.3396



20.3278, 0.3069, 0.3240



0.0000, 0.0000, 0.0000



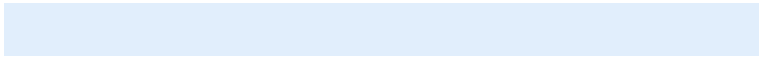
21.4041, 0.3127, 0.3290

Same Dimension

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



47.9421, 0.2993, 0.3173



84.0029, 0.2955, 0.3139



44.7212, 0.2995, 0.3068



10.5107, 0.2984, 0.3165



7.6573, 0.1749, 0.1496



0.4687, 0.1867, 0.1920

Inverse Universe

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



46.4207, 0.3211, 0.3189



80.6144, 0.3236, 0.3161



53.2081, 0.3254, 0.3503



10.1549, 0.3217, 0.3182



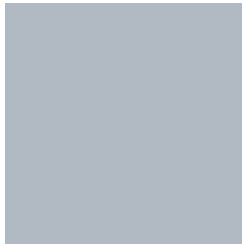
8.0552, 0.5064, 0.2563



0.3620, 0.4544, 0.2277

Previews

White Background



This preview shows how the Yxy color 47.9401, 0.2993, 0.3173 looks on a white background.

Color Contrast Check

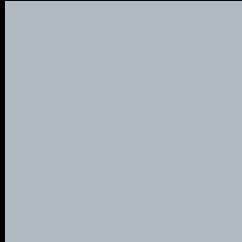
Large Text (above 18pt) WCAG AA × Fail

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 47.9401, 0.2993, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

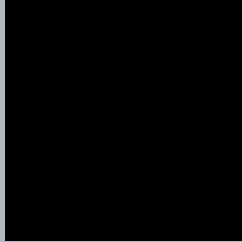
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

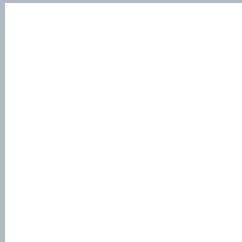
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.9401, 0.2993, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 47.9401, 0.2993, 0.3173.



This preview shows how white text looks on a background with the Yxy color 47.9401, 0.2993, 0.3173.

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

47.9401, 0.2993, 0.3173

Protanopia

48.0315, 0.3066, 0.3163

Deuteranopia

48.0506, 0.3154, 0.3093



Tritanopia

47.8695, 0.2964, 0.3098

Trichromacy



Original Color

47.9401, 0.2993, 0.3173

Protanomaly

48.0763, 0.3041, 0.3175

Deuteranomaly

47.9350, 0.3093, 0.3114

Tritanomaly

47.7772, 0.2979, 0.3123

Monochromacy



Original Color

47.9401, 0.2993, 0.3173

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.7356, 0.3071, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9401, 0.2993, 0.3173 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(177, 185, 194)` looks like.

```
.text, #text, p{  
    color:rgb(177, 185, 194)  
}
```

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(177, 185, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 185, 194) }
```

Border

The CSS property to change the border of an element to Yxy 47.9401, 0.2993, 0.3173 is called "border". The border property can be set on classes, ids or directly on the HTML element.

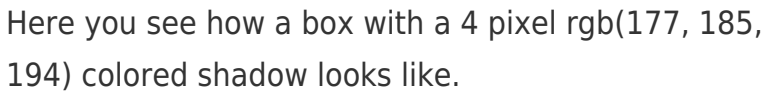
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 185, 194) }
```

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

```
.border{ border-color:rgb(177, 185, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 185, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 185, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 185, 194); box-shadow:4px 4px 4px 4px rgb(177, 185, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9401, 0.2993, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 185, 194) }
```

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

```
.background{ background-color: rgb(177,  
185, 194) }
```

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