

Converting Colors

$Y_{xy}(48.0823, 0.2974, 0.3196)$

Have a look what the booklet for
Yxy(48.0823, 0.2974, 0.3196)
contains.

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Color

Yxy(47.9667, 0.2977, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	AEBAC1
RGB	174, 186, 193
RGB Percent	68%, 73%, 76%
CMY	0.3176, 0.2706, 0.2433
CMYK	0.10, 0.04, 0.00, 0.24
HSL	202°, 13%, 72%
HSV	202°, 10%, 76%
XYZ	44.6380, 47.9667, 57.3381
YIQ	183.2100, -9.3990, -0.3670

Conversions

Conversions Part 2

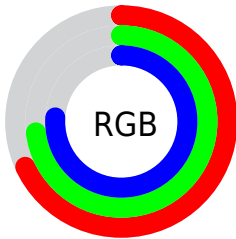
Format	Color
RYB	174, 181, 193
Decimal	11451073
CIELab	74.80, -2.75, -4.95
CIElCh	75, 5.659, 240.971
Yxy	47.9667, 0.2977, 0.3199
Android (android.graphics.Color)	4289641153 (0xFFFAEBAC1)
YUV	183.2100, 4.8265, -8.0772
Hunter-Lab	69.2580, -6.1552, -0.6051

Details

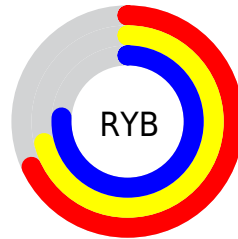
The Yxy color **47.9667, 0.2977, 0.3199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.4243, 0.3288, 0.3379**, and the grayscale version is **47.4525, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1668, 0.3009, 0.3219**, and **22.8061, 0.2935, 0.3165** is the 20% darker color. If you saturate the color by 10%, you get **42.9975, 0.2822, 0.3097**, and if you desaturate by 10%, it is **53.4064, 0.3130, 0.3292**.

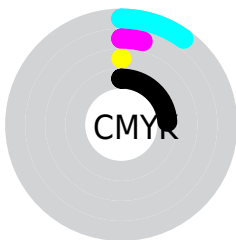
Distribution



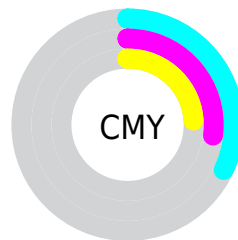
- Red (68%)
- Green (73%)
- Blue (76%)



- Red (68%)
- Yellow (71%)
- Blue (76%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (24%)



- Cyan (32%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.9667, 0.2977, 0.3199 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 47.9667, 0.2977, 0.3199 by changing the saturation by 10% instead.

■ 47.9667, 0.2977,
0.3199

■ 47.9667, 0.2977,
0.3199

378.6601, 0.3051,
0.3245

■ 33.8005, 0.2959,
0.3188

■ 87.1548, 0.3004,
0.3216

■ 22.7404, 0.2935,
0.3173

112.9456, 0.3014,
0.3222

■ 14.4019, 0.2904,
0.3153

143.3799, 0.3023,
0.3227

■ 8.4007, 0.2861,
0.3126

178.8423, 0.3030,
0.3232

■ 4.3524, 0.2797,
0.3085

219.7171, 0.3036,
0.3236

■ 1.8726, 0.2693,
0.3016

266.3888, 0.3042,

■ 0.5318, 0.2313,

0.3239

0.2806

319.2416, 0.3047,
0.3242

0.0000, 0.0000,
0.0000

47.9667, 0.2977,
0.3199

47.9667, 0.2977,
0.3199

42.9975, 0.2822,
0.3097

53.4064, 0.3130,
0.3292

38.4770, 0.2668,
0.2984

59.3253, 0.3279,
0.3374

34.3907, 0.2518,
0.2863

65.7394, 0.3422,
0.3448

30.7206, 0.2376,
0.2734

72.6622, 0.3559,
0.3513

27.4475, 0.2246,
0.2598

77.0491, 0.3571,
0.3581

■ 24.5498, 0.2130,
0.2458

■ 80.8793, 0.3555,
0.3651

■ 22.0036, 0.2034,
0.2317

■ 84.8694, 0.3539,
0.3720

■ 19.7808, 0.1958,
0.2176

■ 89.0212, 0.3523,
0.3787

■ 17.8299, 0.1900,
0.2039

■ 93.3366, 0.3507,
0.3852

Harmonies

Analogous

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



47.9667, 0.2986, 0.3261



47.9667, 0.2977, 0.3199



47.9667, 0.3008, 0.3162

Triad

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



47.9667, 0.2977, 0.3199



47.9667, 0.3223, 0.3248



47.9667, 0.3183, 0.3425

Complementary

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



47.9667, 0.2977, 0.3199



47.4243, 0.3288, 0.3379

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.



47.9667, 0.3247, 0.3419



47.9667, 0.2977, 0.3199



47.9667, 0.3271, 0.3316

Square

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



47.9667, 0.2977, 0.3199



47.9667, 0.3149, 0.3191



47.9667, 0.3280, 0.3379



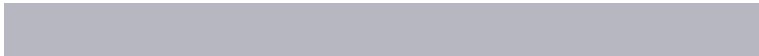
47.9667, 0.3104, 0.3393

Rectangle

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



47.9667, 0.2977, 0.3199



47.9667, 0.3047, 0.3156



47.9667, 0.3280, 0.3379



47.9667, 0.3207, 0.3427

Sweetspot

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



47.9687, 0.2977, 0.3199



92.4563, 0.3081, 0.3263



50.4596, 0.3064, 0.3447



19.6635, 0.3069, 0.3255



97.7402, 0.3127, 0.3290



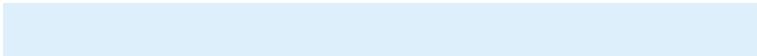
20.4902, 0.3127, 0.3290

Same Dimension

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



47.9687, 0.2977, 0.3199



83.7664, 0.2941, 0.3176



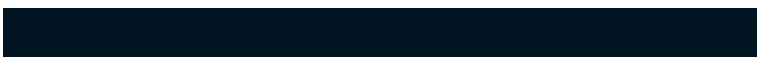
44.1092, 0.2976, 0.3073



10.7865, 0.2984, 0.3203



11.9984, 0.1904, 0.2054



0.6462, 0.1989, 0.2361

Inverse Universe

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



45.1535, 0.3196, 0.3138



77.6712, 0.3214, 0.3100



51.4070, 0.3275, 0.3498



10.1827, 0.3192, 0.3145



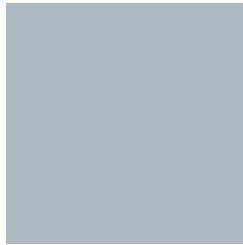
8.4935, 0.4392, 0.2193



0.3799, 0.4063, 0.2012

Previews

White Background



This preview shows how the Yxy color 47.9667, 0.2977, 0.3199 looks on a white background.

Color Contrast Check

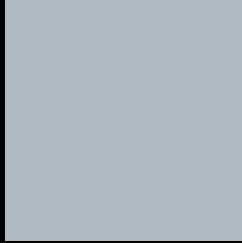
Large Text (above 18pt) WCAG AA × Fail

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 47.9667, 0.2977, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

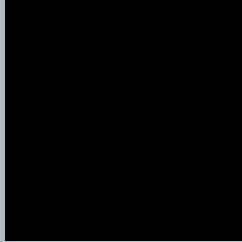
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

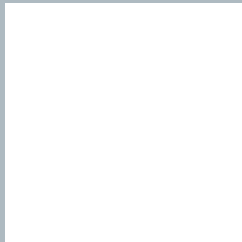
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.9667, 0.2977, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 47.9667, 0.2977, 0.3199.



This preview shows how white text looks on a background with the Yxy color 47.9667, 0.2977, 0.3199.

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

47.9667, 0.2977, 0.3199

Protanopia

47.9428, 0.3082, 0.3188

Deuteranopia

47.6061, 0.3162, 0.3092



Tritanopia

47.9820, 0.2934, 0.3097

Trichromacy



Original Color

47.9667, 0.2977, 0.3199

Protanomaly

47.9105, 0.3041, 0.3187

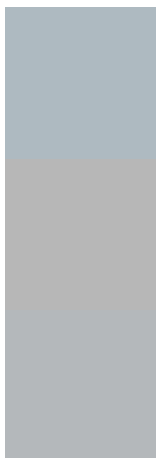
Deuteranomaly

47.7616, 0.3093, 0.3126

Tritanomaly

47.8431, 0.2955, 0.3135

Monochromacy



Original Color

47.9667, 0.2977, 0.3199

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.5721, 0.3071, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9667, 0.2977, 0.3199 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(174, 186, 193)` looks like.

```
.text, #text, p{  
    color:rgb(174, 186, 193)  
}
```

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(174, 186, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 186, 193) }
```

Border

The CSS property to change the border of an element to Yxy 47.9667, 0.2977, 0.3199 is called "border". The border property can be set on classes, ids or directly on the HTML element.

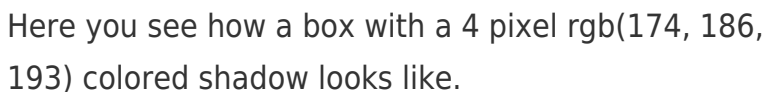
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 186, 193) }
```

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

```
.border{ border-color:rgb(174, 186, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(174, 186, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 186, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 186, 193); box-shadow:4px 4px 4px 4px rgb(174, 186, 193) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9667, 0.2977, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 186, 193) }
```

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

```
.background{ background-color: rgb(174,  
186, 193) }
```

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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