

Converting Colors

$Yxy(47.8547, 0.2974, 0.3211)$

Have a look what the booklet for
Yxy(47.8547, 0.2974, 0.3211)
contains.

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Color

Yxy(47.8078, 0.2976, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	ADBAC0
RGB	173, 186, 192
RGB Percent	68%, 73%, 75%
CMY	0.3215, 0.2706, 0.2470
CMYK	0.10, 0.03, 0.00, 0.25
HSL	199°, 13%, 72%
HSV	199°, 10%, 75%
XYZ	44.3089, 47.8078, 56.7708
YIQ	182.7970, -9.6740, -0.8900

Conversions

Conversions Part 2

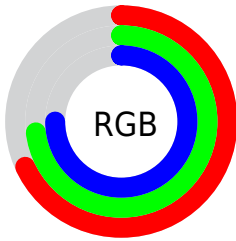
Format	Color
RYB	173, 181, 192
Decimal	11385536
CIELab	74.70, -3.27, -4.59
CIElCh	75, 5.634, 234.509
Yxy	47.8078, 0.2976, 0.3211
Android (android.graphics.Color)	4289575616 (0xFFADBAC0)
YUV	182.7970, 4.5371, -8.5920
Hunter-Lab	69.1432, -6.6126, -0.2805

Details

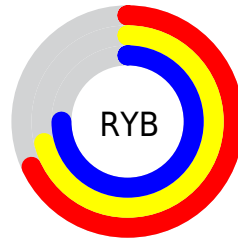
The Yxy color **47.8078, 0.2976, 0.3211** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.4747, 0.3291, 0.3368**, and the grayscale version is **47.2174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7756, 0.3002, 0.3229**, and **22.7041, 0.2934, 0.3182** is the 20% darker color. If you saturate the color by 10%, you get **43.2698, 0.2823, 0.3123**, and if you desaturate by 10%, it is **52.7733, 0.3129, 0.3291**.

Distribution



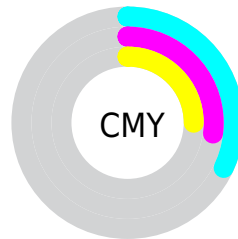
- Red (68%)
- Green (73%)
- Blue (75%)



- Red (68%)
- Yellow (71%)
- Blue (75%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)



- Cyan (32%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.8078, 0.2976, 0.3211 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 47.8078, 0.2976, 0.3211 by changing the saturation by 10% instead.

■ 47.8078, 0.2976,
0.3211

■ 47.8078, 0.2976,
0.3211

378.0298, 0.3051,
0.3251

■ 33.6747, 0.2957,
0.3201

■ 86.9182, 0.3003,
0.3226

■ 22.6438, 0.2934,
0.3188

112.6642, 0.3013,
0.3231

■ 14.3307, 0.2902,
0.3171

143.0501, 0.3022,
0.3236

■ 8.3510, 0.2859,
0.3147

178.4601, 0.3029,
0.3239

■ 4.3204, 0.2794,
0.3111

219.2787, 0.3036,
0.3243

■ 1.8543, 0.2689,
0.3050

265.8902, 0.3042,

■ 0.5207, 0.2276,

0.3246

0.2856

318.6791, 0.3047,
0.3248

0.0000, 0.0000,
0.0000

47.8078, 0.2976,
0.3211

47.8078, 0.2976,
0.3211

43.2698, 0.2823,
0.3123

52.7733, 0.3129,
0.3291

39.1386, 0.2672,
0.3027

58.1741, 0.3279,
0.3362

35.4005, 0.2527,
0.2923

64.0253, 0.3424,
0.3426

32.0386, 0.2391,
0.2813

70.3396, 0.3564,
0.3482

29.0346, 0.2267,
0.2698

74.3734, 0.3590,
0.3541

■ 26.3682, 0.2160,
0.2579

■ 77.5518, 0.3576,
0.3601

■ 24.0166, 0.2071,
0.2458

■ 80.8465, 0.3561,
0.3661

■ 21.9528, 0.2002,
0.2339

■ 84.2589, 0.3547,
0.3720

■ 20.1262, 0.1950,
0.2221

■ 87.7900, 0.3533,
0.3777

Harmonies

Analogous

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



47.8078, 0.2993, 0.3277



47.8078, 0.2976, 0.3211



47.8078, 0.2998, 0.3168

Triad

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



47.8078, 0.2976, 0.3211



47.8078, 0.3208, 0.3234



47.8078, 0.3198, 0.3426

Complementary

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



47.8078, 0.2976, 0.3211



46.4747, 0.3291, 0.3368

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.



47.8078, 0.3257, 0.3413



47.8078, 0.2976, 0.3211



47.8078, 0.3263, 0.3301

Square

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



47.8078, 0.2976, 0.3211



47.8078, 0.3132, 0.3182



47.8078, 0.3281, 0.3367



47.8078, 0.3121, 0.3402

Rectangle

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



47.8078, 0.2976, 0.3211



47.8078, 0.3033, 0.3157



47.8078, 0.3281, 0.3367



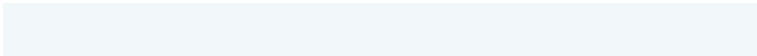
47.8078, 0.3221, 0.3426

Sweetspot

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



47.8098, 0.2976, 0.3211



92.6893, 0.3081, 0.3267



49.8345, 0.3073, 0.3465



19.7266, 0.3068, 0.3260



97.7402, 0.3127, 0.3290



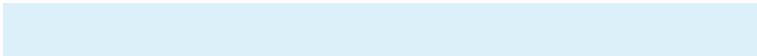
20.4902, 0.3127, 0.3290

Same Dimension

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



47.8098, 0.2976, 0.3211



84.6603, 0.2941, 0.3192



44.0598, 0.2975, 0.3089



10.8735, 0.2984, 0.3215



13.6733, 0.1954, 0.2234



0.7100, 0.2027, 0.2498

Inverse Universe

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



44.6432, 0.3188, 0.3125



77.7615, 0.3204, 0.3086



50.2843, 0.3278, 0.3484



10.1915, 0.3185, 0.3134



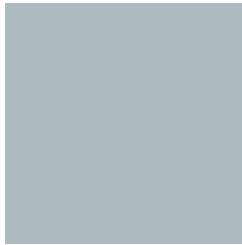
8.6626, 0.4196, 0.2085



0.3863, 0.3925, 0.1936

Previews

White Background



This preview shows how the Yxy color 47.8078, 0.2976, 0.3211 looks on a white background.

Color Contrast Check

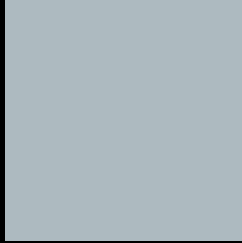
Large Text (above 18pt) WCAG AA × Fail

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 47.8078, 0.2976, 0.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

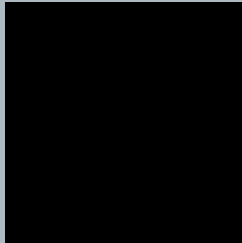
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

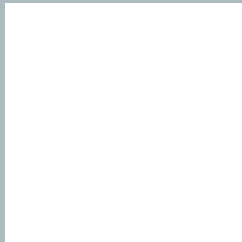
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.8078, 0.2976, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 47.8078, 0.2976, 0.3211.



This preview shows how white text looks on a background with the Yxy color 47.8078, 0.2976, 0.3211.

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

47.8078, 0.2976, 0.3211

Protanopia

47.8990, 0.3089, 0.3201

Deuteranopia

47.6061, 0.3162, 0.3092



Tritanopia

47.8201, 0.2933, 0.3109

Trichromacy



Original Color

47.8078, 0.2976, 0.3211

Protanomaly

47.8663, 0.3048, 0.3200

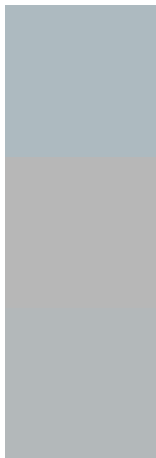
Deuteranomaly

47.5894, 0.3092, 0.3138

Tritanomaly

47.6821, 0.2955, 0.3147

Monochromacy



Original Color

47.8078, 0.2976, 0.3211

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.4099, 0.3070, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8078, 0.2976, 0.3211 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(173, 186, 192)` looks like.

```
.text, #text, p{  
    color:rgb(173, 186, 192)  
}
```

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(173, 186, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 186, 192) }
```

Border

The CSS property to change the border of an element to Yxy 47.8078, 0.2976, 0.3211 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(173, 186, 192) }
```

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

```
.border{ border-color:rgb(173, 186, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 186, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 186, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 186, 192);  
box-shadow:4px 4px 4px 4px rgb(173, 186,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8078, 0.2976, 0.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 186, 192) }
```

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

```
.background{ background-color: rgb(173,  
186, 192) }
```

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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