

Converting Colors

$Yxy(47.7734, 0.2923, 0.3133)$

Have a look what the booklet for
Yxy(47.7734, 0.2923, 0.3133)
contains.

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Color

Yxy(47.9657, 0.2925, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	ACBAC6
RGB	172, 186, 198
RGB Percent	67%, 73%, 78%
CMY	0.3254, 0.2706, 0.2236
CMYK	0.13, 0.06, 0.00, 0.22
HSL	208°, 19%, 73%
HSV	208°, 13%, 78%
XYZ	44.7670, 47.9657, 60.3168
YIQ	183.1820, -12.1960, 0.7640

Conversions

Conversions Part 2

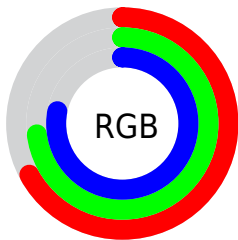
Format	Color
R_{YB}	172, 181, 198
Decimal	11320006
CIE _{Lab}	74.80, -2.37, -7.70
CIE _{LCh}	75, 8.056, 252.894
Yxy	47.9657, 0.2925, 0.3134
Android (android.graphics.Color)	4289510086 (0xFFACBAC6)
YUV	183.1820, 7.3053, -9.8066
Hunter-Lab	69.2573, -5.8202, -3.1561

Details

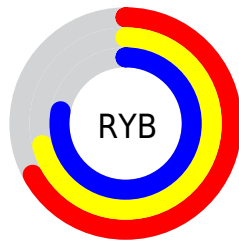
The Yxy color **47.9657, 0.2925, 0.3134** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2675, 0.3344, 0.3441**, and the grayscale version is **47.4254, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2182, 0.2962, 0.3158**, and **22.7817, 0.2875, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **42.1629, 0.2766, 0.3000**, and if you desaturate by 10%, it is **54.3526, 0.3080, 0.3255**.

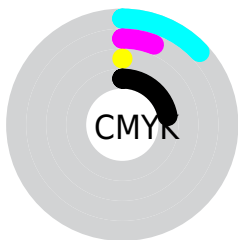
Distribution



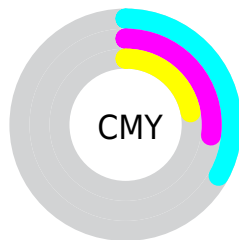
- Red (67%)
- Green (73%)
- Blue (78%)



- Red (67%)
- Yellow (71%)
- Blue (78%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.9657, 0.2925, 0.3134 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 47.9657, 0.2925, 0.3134 by changing the saturation by 10% instead.

■ 47.9657, 0.2925,
0.3134

■ 47.9657, 0.2925,
0.3134

378.6562, 0.3025,
0.3212

■ 33.7997, 0.2900,
0.3115

■ 87.1533, 0.2961,
0.3162

■ 22.7398, 0.2869,
0.3090

112.9438, 0.2975,
0.3173

■ 14.4015, 0.2827,
0.3057

143.3778, 0.2986,
0.3182

■ 8.4004, 0.2769,
0.3010

178.8399, 0.2996,
0.3190

■ 4.3522, 0.2684,
0.2942

219.7144, 0.3005,
0.3196

■ 1.8725, 0.2547,
0.2829

266.3856, 0.3013,

■ 0.5318, 0.2126,

0.3202

0.2526

319.2381, 0.3019,
0.3207

0.0000, 0.0000,
0.0000

47.9657, 0.2925,
0.3134

47.9657, 0.2925,
0.3134

42.1629, 0.2766,
0.3000

54.3526, 0.3080,
0.3255

36.9190, 0.2606,
0.2853

61.3357, 0.3229,
0.3363

32.2153, 0.2448,
0.2694

68.9346, 0.3371,
0.3459

28.0300, 0.2297,
0.2525

77.1657, 0.3505,
0.3543

24.3391, 0.2158,
0.2348

82.8800, 0.3513,
0.3631

■ 21.1164, 0.2034,
0.2169

■ 88.1511, 0.3494,
0.3719

■ 18.3322, 0.1931,
0.1989

■ 93.6936, 0.3476,
0.3804

■ 15.9517, 0.1851,
0.1816

■ 96.8567, 0.3466,
0.3850

■ 14.5074, 0.1806,
0.1700

Harmonies

Analogous

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



47.9657, 0.2915, 0.3210



47.9657, 0.2925, 0.3134



47.9657, 0.2988, 0.3101

Triad

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



47.9657, 0.2925, 0.3134



47.9657, 0.3296, 0.3267



47.9657, 0.3162, 0.3471

Complementary

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



47.9657, 0.2925, 0.3134



49.2675, 0.3344, 0.3441

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.



47.9657, 0.3266, 0.3484



47.9657, 0.2925, 0.3134



47.9657, 0.3344, 0.3364

Square

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



47.9657, 0.2925, 0.3134



47.9657, 0.3202, 0.3178



47.9657, 0.3333, 0.3444



47.9657, 0.3050, 0.3406

Rectangle

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



47.9657, 0.2925, 0.3134



47.9657, 0.3053, 0.3107



47.9657, 0.3333, 0.3444



47.9657, 0.3199, 0.3481

Sweetspot

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



47.9677, 0.2925, 0.3134



95.1490, 0.3066, 0.3244



52.6039, 0.3028, 0.3475



20.1747, 0.3054, 0.3235



0.0000, 0.0000, 0.0000



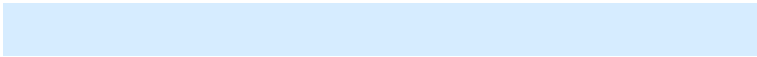
21.4041, 0.3127, 0.3290

Same Dimension

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



47.9677, 0.2925, 0.3134



81.6328, 0.2876, 0.3094



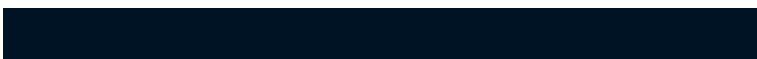
42.8591, 0.2921, 0.2965



11.2175, 0.2983, 0.3181



9.6086, 0.1812, 0.1723



0.5988, 0.1911, 0.2078

Inverse Universe

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



45.0620, 0.3243, 0.3115



75.5202, 0.3275, 0.3072



54.7751, 0.3323, 0.3595



10.7308, 0.3207, 0.3166



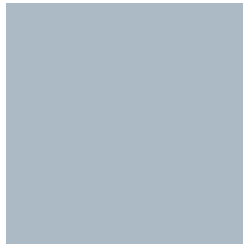
8.5100, 0.4779, 0.2406



0.4175, 0.4365, 0.2178

Previews

White Background



This preview shows how the Yxy color 47.9657, 0.2925, 0.3134 looks on a white background.

Color Contrast Check

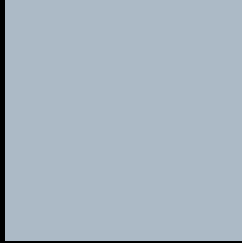
Large Text (above 18pt) WCAG AA × Fail

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 47.9657, 0.2925, 0.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

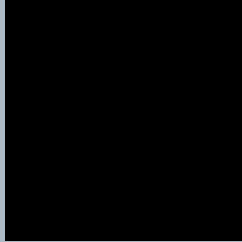
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

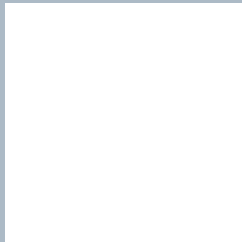
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.9657, 0.2925, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 47.9657, 0.2925, 0.3134.



This preview shows how white text looks on a background with the Yxy color 47.9657, 0.2925, 0.3134.

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

47.9657, 0.2925, 0.3134

Protanopia

48.0428, 0.3035, 0.3125

Deuteranopia

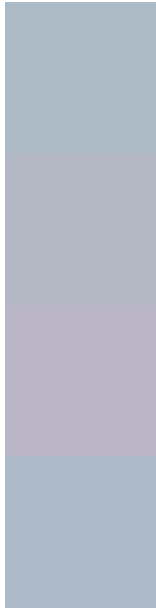
47.9658, 0.3105, 0.3043



Tritanopia

48.0586, 0.2910, 0.3108

Trichromacy



Original Color

47.9657, 0.2925, 0.3134

Protanomaly

48.0155, 0.2995, 0.3124

Deuteranomaly

48.1442, 0.3037, 0.3076

Tritanomaly

48.0120, 0.2918, 0.3121

Monochromacy



Original Color

47.9657, 0.2925, 0.3134

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.4955, 0.3055, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9657, 0.2925, 0.3134 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(172, 186, 198)` looks like.

```
.text, #text, p{  
    color:rgb(172, 186, 198)  
}
```

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(172, 186, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 186, 198) }
```

Border

The CSS property to change the border of an element to Yxy 47.9657, 0.2925, 0.3134 is called "border". The border property can be set on classes, ids or directly on the HTML element.

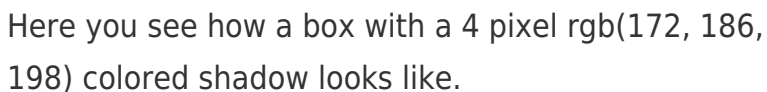
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 186, 198) }
```

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

```
.border{ border-color:rgb(172, 186, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(172, 186, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 186, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 186, 198); box-shadow:4px 4px 4px 4px rgb(172, 186, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9657, 0.2925, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 186, 198) }
```

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

```
.background{ background-color: rgb(172,  
186, 198) }
```

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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