

Converting Colors

$Yxy(47.4093, 0.2919, 0.3112)$

Have a look what the booklet for
Yxy(47.4093, 0.2919, 0.3112)
contains.

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Color

Yxy(47.5458, 0.2924, 0.3121)

Conversions

Conversions Part 1

Format	Color
Hex	ACB9C6
RGB	172, 185, 198
RGB Percent	67%, 73%, 78%
CMY	0.3257, 0.2744, 0.2236
CMYK	0.13, 0.07, 0.00, 0.22
HSL	210°, 19%, 73%
HSV	210°, 13%, 78%
XYZ	44.5447, 47.5458, 60.2511
YIQ	182.5950, -11.9210, 1.2870

Conversions

Conversions Part 2

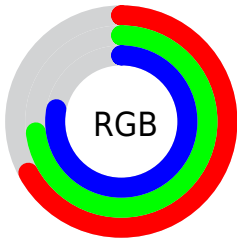
Format	Color
R _Y B	172, 181, 198
Decimal	11319750
CIE Lab	74.54, -1.87, -8.10
CIE LCh	75, 8.311, 257.003
Yxy	47.5458, 0.2924, 0.3121
Android (android.graphics.Color)	4289509830 (0xFFACB9C6)
YUV	182.5950, 7.5947, -9.2918
Hunter-Lab	68.9535, -5.3557, -3.5398

Details

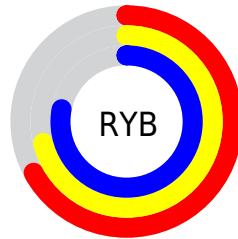
The Yxy color **47.5458, 0.2924, 0.3121** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.6429, 0.3343, 0.3453**, and the grayscale version is **47.0792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.6246, 0.2962, 0.3148**, and **22.5092, 0.2875, 0.3077** is the 20% darker color. If you saturate the color by 10%, you get **41.4893, 0.2764, 0.2976**, and if you desaturate by 10%, it is **54.2260, 0.3079, 0.3252**.

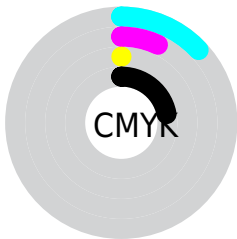
Distribution



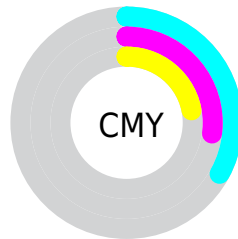
- Red (67%)
- Green (73%)
- Blue (78%)



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



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.5458, 0.2924, 0.3121 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 47.5458, 0.2924, 0.3121 by changing the saturation by 10% instead.

■ 47.5458, 0.2924,
0.3121

■ 47.5458, 0.2924,
0.3121

376.9890, 0.3025,
0.3205

■ 33.4673, 0.2899,
0.3100

■ 86.5278, 0.2960,
0.3152

■ 22.4847, 0.2867,
0.3073

112.2000, 0.2974,
0.3163

■ 14.2135, 0.2825,
0.3037

142.5057, 0.2986,
0.3173

■ 8.2693, 0.2767,
0.2987

177.8292, 0.2996,
0.3181

■ 4.2677, 0.2681,
0.2913

218.5549, 0.3004,
0.3189

■ 1.8244, 0.2541,
0.2791

265.0671, 0.3012,

■ 0.5023, 0.2101,

0.3195

0.2444

317.7504, 0.3019,
0.3200

0.0000, 0.0000,
0.0000

47.5458, 0.2924,
0.3121

47.5458, 0.2924,
0.3121

41.4893, 0.2764,
0.2976

54.2260, 0.3079,
0.3252

36.0302, 0.2601,
0.2817

61.5434, 0.3228,
0.3368

31.1486, 0.2440,
0.2644

69.5184, 0.3368,
0.3471

26.8213, 0.2284,
0.2461

78.1687, 0.3500,
0.3562

23.0230, 0.2139,
0.2269

84.3620, 0.3508,
0.3656

■ 19.7261, 0.2011,
0.2075

■ 90.1427, 0.3488,
0.3750

■ 16.8992, 0.1903,
0.1883

■ 96.2409, 0.3468,
0.3841

■ 14.5061, 0.1818,
0.1698

■ 96.8569, 0.3466,
0.3850

■ 13.0779, 0.1771,
0.1577

Harmonies

Analogous

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



47.5458, 0.2906, 0.3194



47.5458, 0.2924, 0.3121



47.5458, 0.2996, 0.3094

Triad

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



47.5458, 0.2924, 0.3121



47.5458, 0.3312, 0.3280



47.5458, 0.3147, 0.3471

Complementary

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



47.5458, 0.2924, 0.3121



49.6429, 0.3343, 0.3453

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.



47.5458, 0.3257, 0.3492



47.5458, 0.2924, 0.3121



47.5458, 0.3354, 0.3380

Square

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



47.5458, 0.2924, 0.3121



47.5458, 0.3220, 0.3185



47.5458, 0.3334, 0.3458



47.5458, 0.3033, 0.3398

Rectangle

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



47.5458, 0.2924, 0.3121



47.5458, 0.3066, 0.3104



47.5458, 0.3334, 0.3458



47.5458, 0.3186, 0.3484

Sweetspot

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



47.5478, 0.2924, 0.3121



94.9187, 0.3066, 0.3241



52.6324, 0.3021, 0.3465



20.1164, 0.3054, 0.3231



0.0000, 0.0000, 0.0000



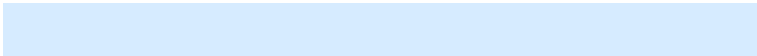
21.4041, 0.3127, 0.3290

Same Dimension

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



47.5478, 0.2924, 0.3121



80.7824, 0.2875, 0.3078



42.4890, 0.2920, 0.2952



11.1527, 0.2983, 0.3172



8.6768, 0.1778, 0.1600



0.5557, 0.1883, 0.1978

Inverse Universe

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



44.9912, 0.3251, 0.3126



75.4344, 0.3285, 0.3086



55.1683, 0.3323, 0.3607



10.7243, 0.3212, 0.3175



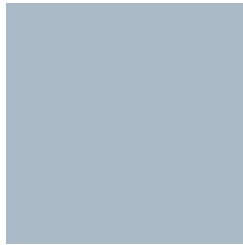
8.4159, 0.4931, 0.2490



0.4131, 0.4478, 0.2240

Previews

White Background



This preview shows how the Yxy color 47.5458, 0.2924, 0.3121 looks on a white background.

Color Contrast Check

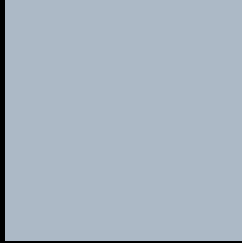
Large Text (above 18pt) WCAG AA × Fail

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 47.5458, 0.2924, 0.3121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

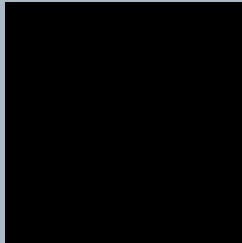
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

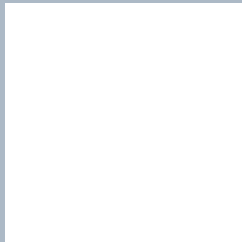
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.5458, 0.2924, 0.3121

Background



This preview shows how black text looks on a background with the Yxy color 47.5458, 0.2924, 0.3121.

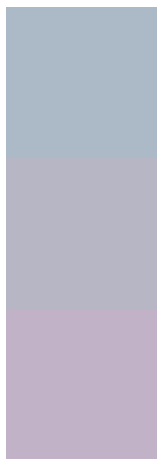


This preview shows how white text looks on a background with the Yxy color 47.5458, 0.2924, 0.3121.

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

47.5458, 0.2924, 0.3121

Protanopia

47.5087, 0.3027, 0.3111

Deuteranopia

47.3018, 0.3088, 0.3029



Tritanopia

47.5921, 0.2917, 0.3108

Trichromacy



Original Color

47.5458, 0.2924, 0.3121

Protanomaly

47.4819, 0.2987, 0.3110

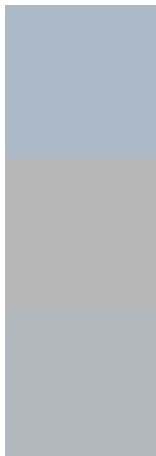
Deuteranomaly

47.4856, 0.3021, 0.3062

Tritanomaly

47.5921, 0.2917, 0.3108

Monochromacy



Original Color

47.5458, 0.2924, 0.3121

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 47.5458, 0.2924, 0.3121 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, 185, 198)` looks like.

```
.text, #text, p{  
    color:rgb(172, 185, 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, 185, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 185, 198) }
```

Border

The CSS property to change the border of an element to Yxy 47.5458, 0.2924, 0.3121 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, 185, 198) }
```

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

```
.border{ border-color:rgb(172, 185, 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, 185, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 185, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 185, 198);  
box-shadow:4px 4px 4px 4px rgb(172, 185,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5458, 0.2924, 0.3121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 185, 198) }
```

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

```
.background{ background-color: rgb(172,  
185, 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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