

Converting Colors

$Yxy(47.9655, 0.3111, 0.3091)$

Have a look what the booklet for
Yxy(47.9655, 0.3111, 0.3091)
contains.

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Color

Yxy(47.9655, 0.3111, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	C1B4C4
RGB	193, 180, 196
RGB Percent	76%, 71%, 77%
CMY	0.2432, 0.2941, 0.2314
CMYK	0.02, 0.08, 0.00, 0.23
HSL	289°, 12%, 74%
HSV	289°, 8%, 77%
XYZ	48.2759, 47.9655, 58.9366
YIQ	185.7110, 2.6120, 7.7320

Conversions

Conversions Part 2

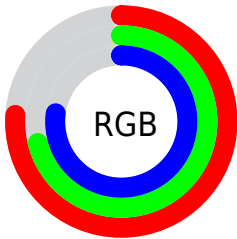
Format	Color
R_{YB}	193, 180, 196
Decimal	12694724
CIE _{Lab}	74.80, 7.54, -6.44
CIE _{LCh}	75, 9.914, 319.515
Yxy	47.9655, 0.3111, 0.3091
Android (android.graphics.Color)	4290884804 (0xFFC1B4C4)
YUV	185.7110, 5.0725, 6.3925
Hunter-Lab	69.2571, 3.2239, -1.9747

Details

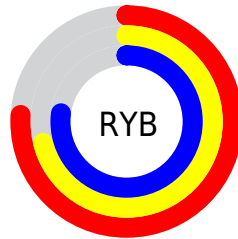
The Yxy color $47.9655, 0.3111, 0.3091$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.8432, 0.3141, 0.3494$, and the grayscale version is $48.9034, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.2225, 0.3109, 0.3124$, and $22.6207, 0.3104, 0.3037$ is the 20% darker color. If you saturate the color by 10%, you get $40.1274, 0.3087, 0.2837$, and if you desaturate by 10%, it is $56.9387, 0.3130, 0.3334$.

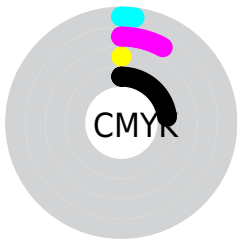
Distribution



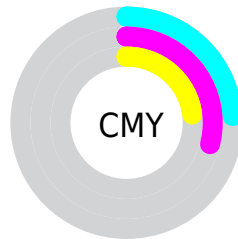
- Red (76%)
- Green (71%)
- Blue (77%)



- Red (76%)
- Yellow (71%)
- Blue (77%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)





- Cyan (24%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9655, 0.3111, 0.3091 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 47.9655, 0.3111, 0.3091 by changing the saturation by 10% instead.

 47.9655, 0.3111,
0.3091

 47.9655, 0.3111,
0.3091


378.6554, 0.3120,
0.3189

 33.7996, 0.3109,
0.3067


 87.1530, 0.3114,
0.3126

 22.7397, 0.3106,
0.3037


112.9434, 0.3115,
0.3139

 14.4014, 0.3101,
0.2997


143.3774, 0.3116,
0.3151

 8.4004, 0.3095,
0.2942

178.8394, 0.3117,
0.3160

 4.3522, 0.3085,
0.2862

219.7138, 0.3118,
0.3169

 1.8725, 0.3068,
0.2735

266.3850, 0.3119,

 0.5317, 0.3062,

0.3176

0.2362

319.2374, 0.3119,
0.3183

0.0000, 0.0000,
0.0000

47.9655, 0.3111,
0.3091

47.9655, 0.3111,
0.3091

40.1274, 0.3087,
0.2837

56.9387, 0.3130,
0.3334

33.3716, 0.3058,
0.2576

67.0850, 0.3146,
0.3561

27.6498, 0.3024,
0.2315

78.4480, 0.3157,
0.3771

22.9082, 0.2984,
0.2066

88.8747, 0.3169,
0.3930

19.0877, 0.2941,
0.1836

89.4136, 0.3192,
0.3926

■ 16.1228, 0.2893,
0.1638

■ 89.9649, 0.3215,
0.3921

■ 13.9395, 0.2844,
0.1479

■ 90.5288, 0.3239,
0.3917

■ 12.4508, 0.2794,
0.1365

■ 91.1053, 0.3263,
0.3912

■ 11.5234, 0.2745,
0.1293

■ 91.6945, 0.3286,
0.3907

Harmonies

Analogous

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



47.9655, 0.2981, 0.3058



47.9655, 0.3111, 0.3091



47.9655, 0.3248, 0.3174

Triad

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



47.9655, 0.3111, 0.3091



47.9655, 0.3368, 0.3495



47.9655, 0.2905, 0.3286

Complementary

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



47.9655, 0.3111, 0.3091



52.8432, 0.3141, 0.3494

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.



47.9655, 0.3005, 0.3410



47.9655, 0.3111, 0.3091



47.9655, 0.3272, 0.3531

Square

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



47.9655, 0.3111, 0.3091



47.9655, 0.3398, 0.3405



47.9655, 0.3139, 0.3501



47.9655, 0.2863, 0.3166

Rectangle

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



47.9655, 0.3111, 0.3091



47.9655, 0.3325, 0.3248



47.9655, 0.3139, 0.3501



47.9655, 0.2932, 0.3328

Sweetspot

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



47.9676, 0.3111, 0.3091



96.6079, 0.3123, 0.3241



47.6413, 0.3003, 0.3126



20.7136, 0.3124, 0.3244



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.



47.9676, 0.3111, 0.3091



83.8987, 0.3107, 0.3041



48.1513, 0.3175, 0.3151



10.1488, 0.3108, 0.3061



7.3445, 0.2743, 0.1285



0.3426, 0.2853, 0.1345

Inverse Universe

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



47.8002, 0.3241, 0.3253



83.5329, 0.3273, 0.3243



52.6777, 0.3083, 0.3433



10.1081, 0.3260, 0.3247



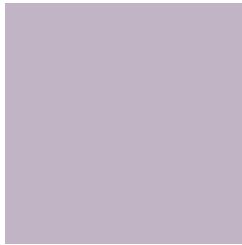
7.6354, 0.6084, 0.3125



0.3395, 0.5483, 0.2794

Previews

White Background



This preview shows how the Yxy color 47.9655, 0.3111, 0.3091 looks on a white background.

Color Contrast Check

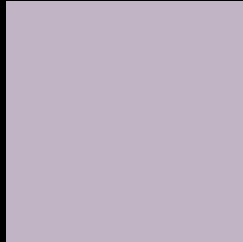
Large Text (above 18pt) WCAG AA × Fail

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 47.9655, 0.3111, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

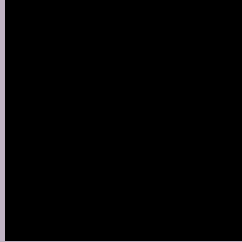
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

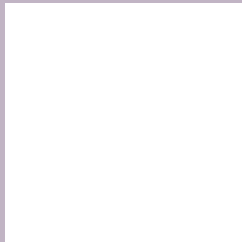
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.9655, 0.3111, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 47.9655, 0.3111, 0.3091.



This preview shows how white text looks on a background with the Yxy color 47.9655, 0.3111, 0.3091.

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

47.9655, 0.3111, 0.3091

Protanopia

48.0115, 0.3012, 0.3100

Deuteranopia

47.9615, 0.3137, 0.3080



Tritanopia

47.8750, 0.3127, 0.3115

Trichromacy



Original Color

47.9655, 0.3111, 0.3091

Protanomaly

48.0519, 0.3052, 0.3101

Deuteranomaly

47.8278, 0.3129, 0.3079

Tritanomaly

47.9201, 0.3119, 0.3103

Monochromacy



Original Color

47.9655, 0.3111, 0.3091

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.8175, 0.3122, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9655, 0.3111, 0.3091 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(193, 180, 196)` looks like.

```
.text, #text, p{  
    color:rgb(193, 180, 196)  
}
```

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(193, 180, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 180, 196) }
```

Border

The CSS property to change the border of an element to Yxy 47.9655, 0.3111, 0.3091 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(193, 180, 196) }
```

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

```
.border{ border-color:rgb(193, 180, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 180, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 180, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 180, 196);  
box-shadow:4px 4px 4px 4px rgb(193, 180,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9655, 0.3111, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 180, 196) }
```

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

```
.background{ background-color: rgb(193,  
180, 196) }
```

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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