

Converting Colors

$Y_{xy}(47.0671, 0.3113, 0.3085)$

Have a look what the booklet for
Yxy(47.0671, 0.3113, 0.3085)
contains.

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Color

Yxy(46.9874, 0.3111, 0.3077)

Conversions

Conversions Part 1

Format	Color
Hex	C0B2C3
RGB	192, 178, 195
RGB Percent	75%, 70%, 76%
CMY	0.2472, 0.3019, 0.2352
CMYK	0.02, 0.09, 0.00, 0.24
HSL	289°, 12%, 73%
HSV	289°, 9%, 76%
XYZ	47.5066, 46.9874, 58.2112
YIQ	184.1240, 2.8870, 8.2550

Conversions

Conversions Part 2

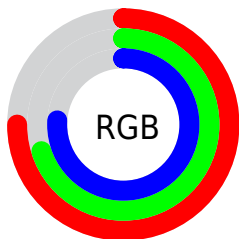
Format	Color
R_{YB}	192, 178, 195
Decimal	12628675
CIE Lab	74.18, 8.09, -6.84
CIE LCh	74, 10.591, 319.795
Yxy	46.9874, 0.3111, 0.3077
Android (android.graphics.Color)	4290818755 (0xFFC0B2C3)
YUV	184.1240, 5.3619, 6.9073
Hunter-Lab	68.5474, 3.7512, -2.3666

Details

The Yxy color $46.9874, 0.3111, 0.3077$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.0887, 0.3141, 0.3509$, and the grayscale version is $47.9737, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.8304, 0.3109, 0.3113$, and $22.0793, 0.3116, 0.3019$ is the 20% darker color. If you saturate the color by 10%, you get $39.3207, 0.3088, 0.2822$, and if you desaturate by 10%, it is $55.7724, 0.3129, 0.3320$.

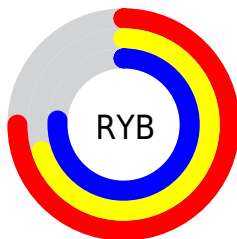
Distribution



Red (75%)

Green (70%)

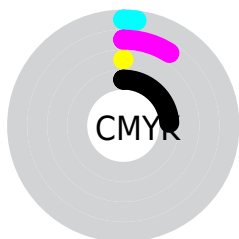
Blue (76%)



Red (75%)

Yellow (70%)

Blue (76%)

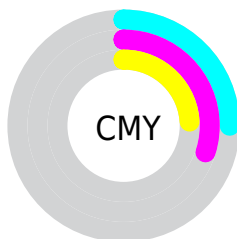


Cyan (2%)

Magenta (9%)

Yellow (0%)

Black (24%)



Cyan (25%)

Magenta (30%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.9874, 0.3111, 0.3077 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 46.9874, 0.3111, 0.3077 by changing the saturation by 10% instead.


 46.9874, 0.3111,
0.3077

 46.9874, 0.3111,
0.3077

374.7642, 0.3120,
0.3182

 33.0257, 0.3109,
0.3051


 85.6948, 0.3114,
0.3115

 22.1461, 0.3105,
0.3019


111.2093, 0.3116,
0.3129

 13.9643, 0.3101,
0.2976


141.3435, 0.3117,
0.3141

 8.0958, 0.3095,
0.2916

176.4819, 0.3117,
0.3152

 4.1563, 0.3084,
0.2830

217.0087, 0.3118,
0.3161

 1.7614, 0.3065,
0.2691

263.3085, 0.3119,

 0.4629, 0.3061,

0.3169

0.2223

315.7655, 0.3119,
0.3176

0.0000, 0.0000,
0.0000

46.9874, 0.3111,
0.3077

46.9874, 0.3111,
0.3077

39.3207, 0.3088,
0.2822

55.7724, 0.3129,
0.3320

32.7197, 0.3061,
0.2562

65.7132, 0.3144,
0.3548

27.1370, 0.3028,
0.2303

76.8532, 0.3154,
0.3760

22.5187, 0.2991,
0.2056

88.5784, 0.3163,
0.3943

18.8064, 0.2949,
0.1829

89.0845, 0.3185,
0.3939

■ 15.9350, 0.2905,
0.1635

■ 89.6018, 0.3207,
0.3934

■ 13.8306, 0.2858,
0.1480

■ 90.1304, 0.3230,
0.3930

■ 12.4067, 0.2810,
0.1370

■ 90.6703, 0.3252,
0.3926

■ 11.5203, 0.2763,
0.1301

■ 91.2217, 0.3275,
0.3921

Harmonies

Analogous

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



46.9874, 0.2971, 0.3041



46.9874, 0.3111, 0.3077



46.9874, 0.3259, 0.3167

Triad

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



46.9874, 0.3111, 0.3077



46.9874, 0.3385, 0.3511



46.9874, 0.2887, 0.3284

Complementary

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



46.9874, 0.3111, 0.3077



52.0887, 0.3141, 0.3509

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.



46.9874, 0.2994, 0.3418



46.9874, 0.3111, 0.3077



46.9874, 0.3282, 0.3550

Square

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



46.9874, 0.3111, 0.3077



46.9874, 0.3419, 0.3414



46.9874, 0.3138, 0.3516



46.9874, 0.2844, 0.3156

Rectangle

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



46.9874, 0.3111, 0.3077



46.9874, 0.3341, 0.3246



46.9874, 0.3138, 0.3516



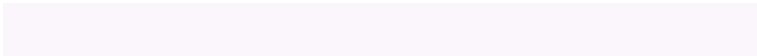
46.9874, 0.2917, 0.3330

Sweetspot

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



46.9894, 0.3111, 0.3077



92.8132, 0.3122, 0.3217



46.5081, 0.2994, 0.3110



20.0431, 0.3120, 0.3197



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.



46.9894, 0.3111, 0.3077



82.0495, 0.3108, 0.3041



47.1525, 0.3181, 0.3145



10.1532, 0.3110, 0.3061



7.4534, 0.2764, 0.1296



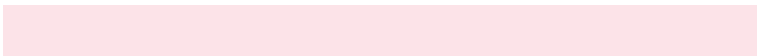
0.3465, 0.2869, 0.1354

Inverse Universe

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



46.7893, 0.3251, 0.3252



81.6409, 0.3274, 0.3245



51.9444, 0.3077, 0.3440



10.1067, 0.3261, 0.3249



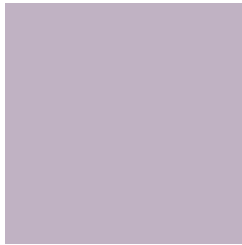
7.6285, 0.6106, 0.3137



0.3388, 0.5517, 0.2813

Previews

White Background



This preview shows how the Yxy color 46.9874, 0.3111, 0.3077 looks on a white background.

Color Contrast Check

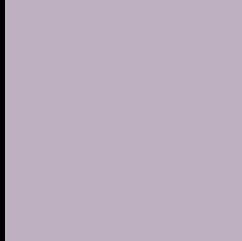
Large Text (above 18pt) WCAG AA × Fail

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 46.9874, 0.3111, 0.3077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

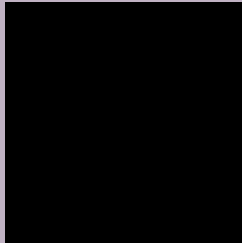
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.9874, 0.3111, 0.3077

Background



This preview shows how black text looks on a background with the Yxy color 46.9874, 0.3111, 0.3077.



This preview shows how white text looks on a background with the Yxy color 46.9874, 0.3111, 0.3077.

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

46.9874, 0.3111, 0.3077

Protanopia

46.9027, 0.3003, 0.3085

Deuteranopia

46.8537, 0.3129, 0.3066



Tritanopia

46.8530, 0.3135, 0.3114

Trichromacy



Original Color

46.9874, 0.3111, 0.3077

Protanomaly

46.9423, 0.3044, 0.3087

Deuteranomaly

46.7219, 0.3120, 0.3065

Tritanomaly

46.8975, 0.3127, 0.3102

Monochromacy



Original Color

46.9874, 0.3111, 0.3077

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.6515, 0.3122, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.9874, 0.3111, 0.3077 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(192, 178, 195)` looks like.

```
.text, #text, p{  
    color:rgb(192, 178, 195)  
}
```

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(192, 178, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 178, 195) }
```

Border

The CSS property to change the border of an element to Yxy 46.9874, 0.3111, 0.3077 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(192, 178, 195) }
```

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

```
.border{ border-color:rgb(192, 178, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 178, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 178, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 178, 195);  
box-shadow:4px 4px 4px 4px rgb(192, 178,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 46.9874, 0.3111, 0.3077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 178, 195) }
```

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

```
.background{ background-color: rgb(192,  
178, 195) }
```

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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