

Converting Colors

$Y_{xy}(47.0677, 0.2980, 0.2982)$

Have a look what the booklet for
Yxy(47.0677, 0.2980, 0.2982)
contains.

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Color

Yxy(47.3164, 0.2983, 0.2989)

Conversions

Conversions Part 1

Format	Color
Hex	B9B4CC
RGB	185, 180, 204
RGB Percent	73%, 71%, 80%
CMY	0.2746, 0.2941, 0.2000
CMYK	0.09, 0.12, 0.00, 0.20
HSL	252°, 19%, 75%
HSV	252°, 12%, 80%
XYZ	47.2214, 47.3164, 63.7640
YIQ	184.2310, -4.7240, 8.5240

Conversions

Conversions Part 2

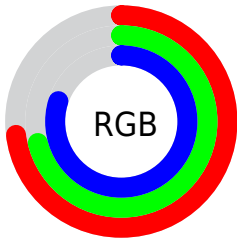
Format	Color
R _Y B	185, 180, 204
Decimal	12170444
CIE Lab	74.39, 6.39, -11.48
CIE LCh	74, 13.138, 299.094
Yxy	47.3164, 0.2983, 0.2989
Android (android.graphics.Color)	4290360524 (0xFFB9B4CC)
YUV	184.2310, 9.7461, 0.6744
Hunter-Lab	68.7869, 2.1611, -6.8097

Details

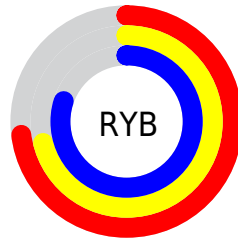
The Yxy color `47.3164, 0.2983, 0.2989` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `58.6237, 0.3261, 0.3581`, and the grayscale version is `48.0129, 0.3127, 0.3290`.

A 20% lighter version of the original color is `85.9117, 0.3044, 0.3102`, and `22.2863, 0.2942, 0.2900` is the 20% darker color. If you saturate the color by 10%, you get `37.7795, 0.2841, 0.2702`, and if you desaturate by 10%, it is `58.2984, 0.3107, 0.3248`.

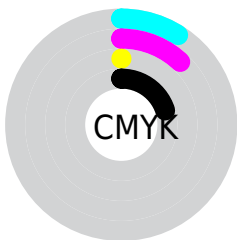
Distribution



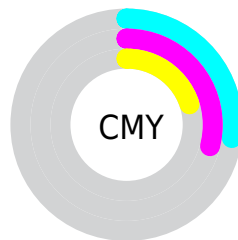
- Red (73%)
- Green (71%)
- Blue (80%)



- Red (73%)
- Yellow (71%)
- Blue (80%)



- Cyan (9%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)



- Cyan (27%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.3164, 0.2983, 0.2989 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 47.3164, 0.2983, 0.2989 by changing the saturation by 10% instead.

■ 47.3164, 0.2983,
0.2989

■ 47.3164, 0.2983,
0.2989

376.0761, 0.3055,
0.3137

■ 33.2859, 0.2965,
0.2953

■ 86.1857, 0.3009,
0.3042

■ 22.3455, 0.2941,
0.2907

111.7933, 0.3019,
0.3062

■ 14.1110, 0.2910,
0.2847

142.0286, 0.3028,
0.3079

■ 8.1979, 0.2867,
0.2765

177.2762, 0.3035,
0.3094

■ 4.2218, 0.2802,
0.2646

217.9203, 0.3041,
0.3107

■ 1.7984, 0.2694,
0.2458

264.3454, 0.3046,

■ 0.4862, 0.2487,

0.3118

0.1957

316.9358, 0.3051,
0.3128

0.0000, 0.0000,
0.0000

47.3164, 0.2983,
0.2989

47.3164, 0.2983,
0.2989

37.7795, 0.2841,
0.2702

58.2984, 0.3107,
0.3248

29.6214, 0.2681,
0.2390

70.7764, 0.3214,
0.3477

22.7795, 0.2506,
0.2061

84.8060, 0.3306,
0.3680

17.1836, 0.2320,
0.1727

96.1475, 0.3395,
0.3796

12.7575, 0.2133,
0.1407

97.1392, 0.3430,
0.3790

■ 9.4161, 0.1955,
0.1122

■ 7.0623, 0.1799,
0.0894

■ 5.5815, 0.1675,
0.0736

■ 4.8550, 0.1599,
0.0655

Harmonies

Analogous

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



47.3164, 0.2844, 0.2997



47.3164, 0.2983, 0.2989



47.3164, 0.3164, 0.3056

Triad

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



47.3164, 0.2983, 0.2989



47.3164, 0.3487, 0.3484



47.3164, 0.2915, 0.3399

Complementary

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



47.3164, 0.2983, 0.2989



58.6237, 0.3261, 0.3581

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.



47.3164, 0.3082, 0.3541



47.3164, 0.2983, 0.2989



47.3164, 0.3415, 0.3587

Square

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



47.3164, 0.2983, 0.2989



47.3164, 0.3460, 0.3336



47.3164, 0.3265, 0.3610



47.3164, 0.2805, 0.3229

Rectangle

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



47.3164, 0.2983, 0.2989



47.3164, 0.3286, 0.3135



47.3164, 0.3265, 0.3610



47.3164, 0.2966, 0.3452

Sweetspot

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



47.3184, 0.2983, 0.2989



92.1614, 0.3080, 0.3191



55.0009, 0.2948, 0.3230



19.4205, 0.3071, 0.3172



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.



47.3184, 0.2983, 0.2989



74.3187, 0.2950, 0.2922



48.8507, 0.3080, 0.2998



10.9539, 0.3014, 0.3053



3.0886, 0.1610, 0.0660



0.1926, 0.1802, 0.0766

Inverse Universe

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



49.6096, 0.3180, 0.3061



78.8334, 0.3192, 0.3013



57.0679, 0.3168, 0.3589



11.3625, 0.3169, 0.3108



9.7318, 0.3807, 0.1871



0.5123, 0.3669, 0.1795

Previews

White Background



This preview shows how the Yxy color 47.3164, 0.2983, 0.2989 looks on a white background.

Color Contrast Check

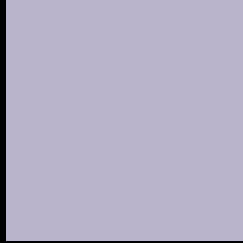
Large Text (above 18pt) WCAG AA × Fail

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 47.3164, 0.2983, 0.2989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

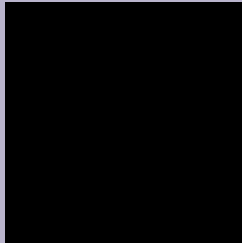
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

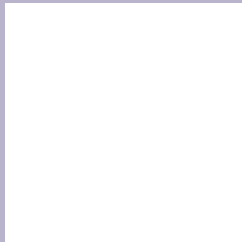
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.3164, 0.2983, 0.2989

Background



This preview shows how black text looks on a background with the Yxy color 47.3164, 0.2983, 0.2989.



This preview shows how white text looks on a background with the Yxy color 47.3164, 0.2983, 0.2989.

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

47.3164, 0.2983, 0.2989

Protanopia

47.5670, 0.2936, 0.2999

Deuteranopia

47.2768, 0.3033, 0.2968



Tritanopia

47.2236, 0.3035, 0.3099

Trichromacy



Original Color

47.3164, 0.2983, 0.2989

Protanomaly

47.4006, 0.2952, 0.2987

Deuteranomaly

47.4186, 0.3016, 0.2979

Tritanomaly

47.3616, 0.3013, 0.3062

Monochromacy



Original Color

47.3164, 0.2983, 0.2989

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.8189, 0.3073, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3164, 0.2983, 0.2989 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(185, 180, 204)` looks like.

```
.text, #text, p{  
    color:rgb(185, 180, 204)  
}
```

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(185, 180, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 180, 204) }
```

Border

The CSS property to change the border of an element to Yxy 47.3164, 0.2983, 0.2989 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(185, 180, 204) }
```

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

```
.border{ border-color:rgb(185, 180, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 180, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 180, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 180, 204);  
box-shadow:4px 4px 4px 4px rgb(185, 180,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3164, 0.2983, 0.2989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 180, 204) }
```

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

```
.background{ background-color: rgb(185,  
180, 204) }
```

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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