

Converting Colors

$Yxy(47.8105, 0.2802, 0.3076)$

Have a look what the booklet for
Yxy(47.8105, 0.2802, 0.3076)
contains.

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Color

Yxy(47.9031, 0.2802, 0.3079)

Conversions

Conversions Part 1

Format	Color
Hex	A1BCCC
RGB	161, 188, 204
RGB Percent	63%, 74%, 80%
CMY	0.3683, 0.2628, 0.1999
CMYK	0.21, 0.08, 0.00, 0.20
HSL	202°, 30%, 72%
HSV	202°, 21%, 80%
XYZ	43.5935, 47.9031, 64.0834
YIQ	181.7510, -21.2280, -0.7480

Conversions

Conversions Part 2

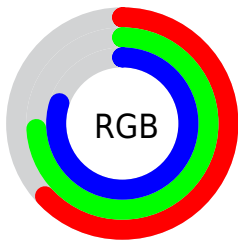
Format	Color
R _Y B	161, 178, 204
Decimal	10599628
CIE Lab	74.76, -5.63, -11.12
CIE LCh	75, 12.461, 243.149
Yxy	47.9031, 0.2802, 0.3079
Android (android.graphics.Color)	4288789708 (0xFFA1BCCC)
YUV	181.7510, 10.9688, -18.1986
Hunter-Lab	69.2121, -8.6921, -6.4481

Details

The Yxy color **47.9031, 0.2802, 0.3079** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.9050, 0.3506, 0.3492**, and the grayscale version is **46.5932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.5203, 0.2890, 0.3176**, and **22.7812, 0.2715, 0.3020** is the 20% darker color. If you saturate the color by 10%, you get **42.7850, 0.2647, 0.2963**, and if you desaturate by 10%, it is **53.5428, 0.2958, 0.3185**.

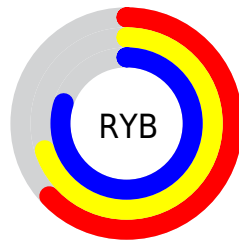
Distribution



Red (63%)

Green (74%)

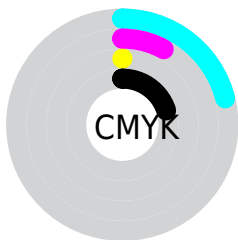
Blue (80%)



Red (63%)

Yellow (70%)

Blue (80%)

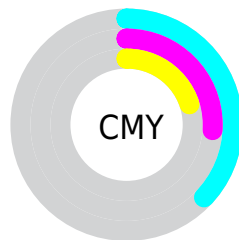


Cyan (21%)

Magenta (8%)

Yellow (0%)

Black (20%)



Cyan (37%)

Magenta (26%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.9031, 0.2802, 0.3079 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 47.9031, 0.2802, 0.3079 by changing the saturation by 10% instead.

■ 47.9031, 0.2802,
0.3079

■ 47.9031, 0.2802,
0.3079

378.4079, 0.2962,
0.3185

■ 33.7502, 0.2763,
0.3052

■ 87.0601, 0.2860,
0.3118

■ 22.7017, 0.2713,
0.3018

■ 112.8330, 0.2881,
0.3132

■ 14.3734, 0.2647,
0.2973

143.2479, 0.2900,
0.3144

■ 8.3808, 0.2557,
0.2909

178.6894, 0.2916,
0.3155

■ 4.3396, 0.2426,
0.2814

219.5417, 0.2930,
0.3164

■ 1.8653, 0.2219,
0.2658

266.1893, 0.2942,

■ 0.5274, 0.1584,

0.3172

0.2296

319.0166, 0.2953,
0.3179

0.0000, 0.0000,
0.0000

47.9031, 0.2802,
0.3079

47.9031, 0.2802,
0.3079

42.7850, 0.2647,
0.2963

53.5428, 0.2958,
0.3185

38.1633, 0.2497,
0.2838

59.7165, 0.3111,
0.3281

34.0191, 0.2355,
0.2705

66.4432, 0.3261,
0.3366

30.3298, 0.2225,
0.2565

73.7393, 0.3405,
0.3442

27.0704, 0.2111,
0.2422

80.0534, 0.3483,
0.3514

■ 24.2126, 0.2016,
0.2277

■ 84.2910, 0.3469,
0.3589

■ 21.7233, 0.1943,
0.2134

■ 88.7151, 0.3455,
0.3662

■ 19.7546, 0.1892,
0.2009

■ 93.3279, 0.3441,
0.3734

■ 97.1403, 0.3430,
0.3790

Harmonies

Analogous

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



47.9031, 0.2815, 0.3212



47.9031, 0.2802, 0.3079



47.9031, 0.2873, 0.3007

Triad

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



47.9031, 0.2802, 0.3079



47.9031, 0.3348, 0.3206



47.9031, 0.3235, 0.3588

Complementary

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



47.9031, 0.2802, 0.3079



46.9050, 0.3506, 0.3492

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.



47.9031, 0.3383, 0.3578



47.9031, 0.2802, 0.3079



47.9031, 0.3450, 0.3354

Square

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



47.9031, 0.2802, 0.3079



47.9031, 0.3186, 0.3082



47.9031, 0.3463, 0.3490



47.9031, 0.3062, 0.3512

Rectangle

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



47.9031, 0.2802, 0.3079



47.9031, 0.2961, 0.3001



47.9031, 0.3463, 0.3490



47.9031, 0.3290, 0.3595

Sweetspot

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



47.9051, 0.2802, 0.3079



93.6215, 0.3034, 0.3234



53.9454, 0.2993, 0.3651



19.8946, 0.3024, 0.3227



0.0000, 0.0000, 0.0000



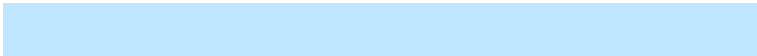
21.4041, 0.3127, 0.3290

Same Dimension

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



47.9051, 0.2802, 0.3079



75.5895, 0.2736, 0.3031



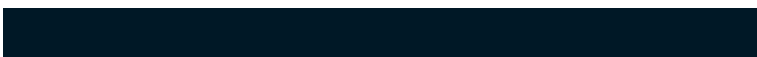
39.5128, 0.2782, 0.2791



11.9955, 0.2983, 0.3201



12.6156, 0.1897, 0.2029



0.7935, 0.1973, 0.2303

Inverse Universe

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



41.9882, 0.3293, 0.2958



64.4113, 0.3335, 0.2888



55.9363, 0.3455, 0.3745



11.3299, 0.3194, 0.3146



9.0765, 0.4420, 0.2209



0.4826, 0.4123, 0.2045

Previews

White Background



This preview shows how the Yxy color 47.9031, 0.2802, 0.3079 looks on a white background.

Color Contrast Check

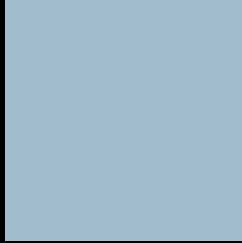
Large Text (above 18pt) WCAG AA × Fail

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 47.9031, 0.2802, 0.3079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

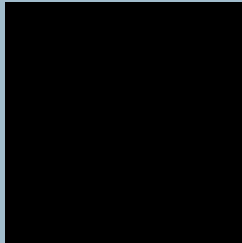
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

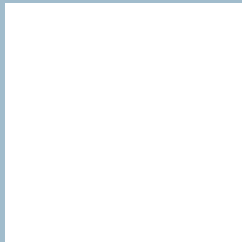
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.9031, 0.2802, 0.3079

Background



This preview shows how black text looks on a background with the Yxy color 47.9031, 0.2802, 0.3079.



This preview shows how white text looks on a background with the Yxy color 47.9031, 0.2802, 0.3079.

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

47.9031, 0.2802, 0.3079

Protanopia

47.6180, 0.2981, 0.3049

Deuteranopia

47.7728, 0.3017, 0.2957



Tritanopia

47.8553, 0.2808, 0.3092

Trichromacy



Original Color

47.9031, 0.2802, 0.3079

Protanomaly

47.5439, 0.2911, 0.3058

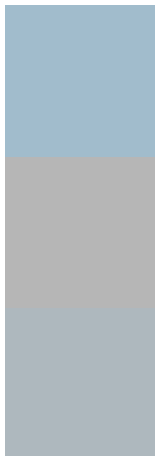
Deuteranomaly

47.5670, 0.2936, 0.2999

Tritanomaly

47.8553, 0.2808, 0.3092

Monochromacy



Original Color

47.9031, 0.2802, 0.3079

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.9974, 0.2999, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9031, 0.2802, 0.3079 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(161, 188, 204)` looks like.

```
.text, #text, p{  
    color:rgb(161, 188, 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(161, 188, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 188, 204) }
```

Border

The CSS property to change the border of an element to Yxy 47.9031, 0.2802, 0.3079 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(161, 188, 204) }
```

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

```
.border{ border-color:rgb(161, 188, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 188, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 188, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 188, 204);  
box-shadow:4px 4px 4px 4px rgb(161, 188,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9031, 0.2802, 0.3079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 188, 204) }
```

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

```
.background{ background-color: rgb(161,  
188, 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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