

Converting Colors

$Yxy(48.0081, 0.2763, 0.3033)$

Have a look what the booklet for
Yxy(48.0081, 0.2763, 0.3033)
contains.

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Color

Yxy(47.8914, 0.2761, 0.3028)

Conversions

Conversions Part 1

Format	Color
Hex	9FBCD0
RGB	159, 188, 208
RGB Percent	62%, 74%, 82%
CMY	0.3763, 0.2627, 0.1844
CMYK	0.24, 0.10, 0.00, 0.18
HSL	204°, 34%, 72%
HSV	204°, 24%, 82%
XYZ	43.6685, 47.8914, 66.6019
YIQ	181.6090, -23.7040, 0.0720

Conversions

Conversions Part 2

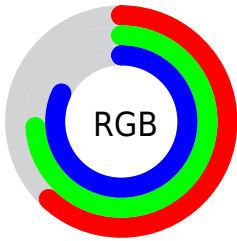
Format	Color
RYB	159, 177, 208
Decimal	10468560
CIELab	74.76, -5.38, -13.30
CIELCh	75, 14.343, 247.989
Yxy	47.8914, 0.2761, 0.3028
Android (android.graphics.Color)	4288658640 (0xFF9FBCD0)
YUV	181.6090, 13.0108, -19.8281
Hunter-Lab	69.2036, -8.4702, -8.6185

Details

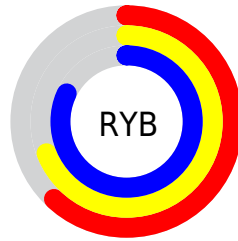
The Yxy color **47.8914, 0.2761, 0.3028** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.1554, 0.3555, 0.3538**, and the grayscale version is **46.4964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2175, 0.2878, 0.3176**, and **22.7868, 0.2662, 0.2950** is the 20% darker color. If you saturate the color by 10%, you get **42.4214, 0.2604, 0.2898**, and if you desaturate by 10%, it is **53.9365, 0.2918, 0.3147**.

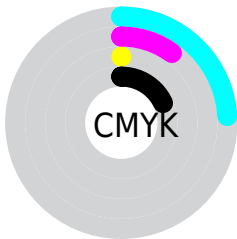
Distribution



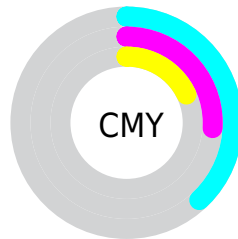
- Red (62%)
- Green (74%)
- Blue (82%)



- Red (62%)
- Yellow (69%)
- Blue (82%)



- Cyan (24%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (38%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.8914, 0.2761, 0.3028 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 47.8914, 0.2761, 0.3028 by changing the saturation by 10% instead.

■ 47.8914, 0.2761,
0.3028

■ 47.8914, 0.2761,
0.3028

■ 378.3615, 0.2941,
0.3159

■ 33.7409, 0.2717,
0.2995

■ 87.0427, 0.2826,
0.3076

■ 22.6946, 0.2661,
0.2953

■ 112.8123, 0.2850,
0.3094

■ 14.3682, 0.2588,
0.2897

■ 143.2236, 0.2871,
0.3109

■ 8.3772, 0.2487,
0.2820

■ 178.6612, 0.2889,
0.3122

■ 4.3372, 0.2342,
0.2705

■ 219.5094, 0.2905,
0.3133

■ 1.8639, 0.2115,
0.2519

■ 266.1526, 0.2918,

■ 0.5266, 0.1474,

0.3143

0.2102

318.9752, 0.2930,
0.3152

0.0000, 0.0000,
0.0000

47.8914, 0.2761,
0.3028

47.8914, 0.2761,
0.3028

42.4214, 0.2604,
0.2898

53.9365, 0.2918,
0.3147

37.4990, 0.2452,
0.2758

60.5709, 0.3073,
0.3255

33.1030, 0.2308,
0.2609

67.8157, 0.3224,
0.3351

29.2083, 0.2177,
0.2453

75.6889, 0.3369,
0.3437

25.7868, 0.2062,
0.2295

82.6547, 0.3448,
0.3517

■ 22.8069, 0.1967,
0.2136

■ 87.5075, 0.3433,
0.3599

■ 20.2309, 0.1895,
0.1981

■ 92.5938, 0.3419,
0.3680

■ 18.7404, 0.1857,
0.1883

■ 97.3330, 0.3406,
0.3751

Harmonies

Analogous

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



47.8914, 0.2760, 0.3170



47.8914, 0.2761, 0.3028



47.8914, 0.2857, 0.2960

Triad

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



47.8914, 0.2761, 0.3028



47.8914, 0.3406, 0.3220



47.8914, 0.3219, 0.3627

Complementary

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



47.8914, 0.2761, 0.3028



48.1554, 0.3555, 0.3538

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.



47.8914, 0.3398, 0.3631



47.8914, 0.2761, 0.3028



47.8914, 0.3509, 0.3390

Square

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



47.8914, 0.2761, 0.3028



47.8914, 0.3227, 0.3072



47.8914, 0.3506, 0.3541



47.8914, 0.3020, 0.3525

Rectangle

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



47.8914, 0.2761, 0.3028



47.8914, 0.2964, 0.2962



47.8914, 0.3506, 0.3541



47.8914, 0.3284, 0.3640

Sweetspot

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



47.8933, 0.2761, 0.3028



92.2095, 0.3019, 0.3218



55.7141, 0.2967, 0.3678



19.5977, 0.3009, 0.3211



0.0000, 0.0000, 0.0000



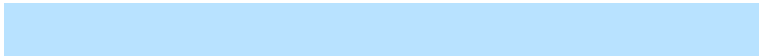
21.4041, 0.3127, 0.3290

Same Dimension

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



47.8933, 0.2761, 0.3028



71.6756, 0.2686, 0.2967



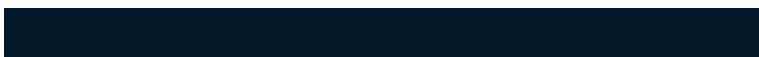
38.4517, 0.2735, 0.2700



12.5640, 0.2983, 0.3193



11.8769, 0.1862, 0.1904



0.8180, 0.1940, 0.2185

Inverse Universe

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



41.8447, 0.3333, 0.2937



60.8581, 0.3386, 0.2862



58.6623, 0.3492, 0.3819



11.9240, 0.3199, 0.3153



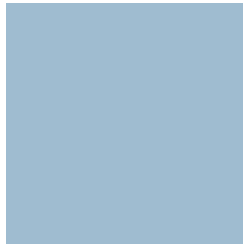
9.2702, 0.4562, 0.2287



0.5339, 0.4248, 0.2114

Previews

White Background



This preview shows how the Yxy color 47.8914, 0.2761, 0.3028 looks on a white background.

Color Contrast Check

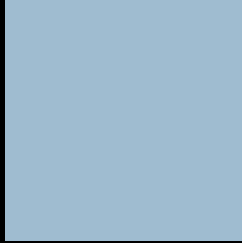
Large Text (above 18pt) WCAG AA × Fail

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 47.8914, 0.2761, 0.3028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

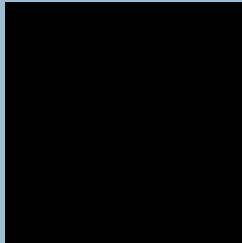
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

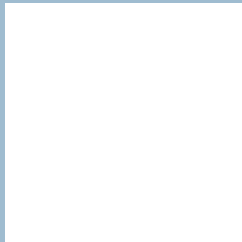
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.8914, 0.2761, 0.3028

Background



This preview shows how black text looks on a background with the Yxy color 47.8914, 0.2761, 0.3028.



This preview shows how white text looks on a background with the Yxy color 47.8914, 0.2761, 0.3028.

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

47.8914, 0.2761, 0.3028

Protanopia

47.6393, 0.2951, 0.3012

Deuteranopia

47.7122, 0.2971, 0.2908



Tritanopia

48.0239, 0.2781, 0.3092

Trichromacy



Original Color

47.8914, 0.2761, 0.3028

Protanomaly

47.5730, 0.2882, 0.3020

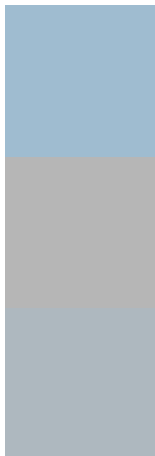
Deuteranomaly

47.5243, 0.2891, 0.2949

Tritanomaly

48.0721, 0.2774, 0.3079

Monochromacy



Original Color

47.8914, 0.2761, 0.3028

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.0412, 0.2991, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8914, 0.2761, 0.3028 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(159, 188, 208)` looks like.

```
.text, #text, p{  
    color:rgb(159, 188, 208)  
}
```

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(159, 188, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 188, 208) }
```

Border

The CSS property to change the border of an element to Yxy 47.8914, 0.2761, 0.3028 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(159, 188, 208) }
```

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

```
.border{ border-color:rgb(159, 188, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 188, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 188, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 188, 208);  
box-shadow:4px 4px 4px 4px rgb(159, 188,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8914, 0.2761, 0.3028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 188, 208) }
```

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

```
.background{ background-color: rgb(159,  
188, 208) }
```

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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