

Converting Colors

$Yxy(52.9343, 0.2748, 0.3095)$

Have a look what the booklet for
Yxy(52.9343, 0.2748, 0.3095)
contains.

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Color

Yxy(52.8203, 0.2747, 0.3086)

Conversions

Conversions Part 1

Format	Color
Hex	A1C6D6
RGB	161, 198, 214
RGB Percent	63%, 78%, 84%
CMY	0.3689, 0.2234, 0.1609
CMYK	0.25, 0.07, 0.00, 0.16
HSL	198°, 39%, 74%
HSV	198°, 25%, 84%
XYZ	47.0179, 52.8203, 71.3228
YIQ	188.7610, -27.1880, -2.8680

Conversions

Conversions Part 2

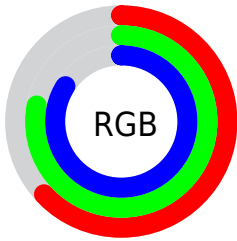
Format	Color
RYB	161, 183, 214
Decimal	10602198
CIELab	77.77, -8.74, -12.02
CIELCh	78, 14.864, 233.995
Yxy	52.8203, 0.2747, 0.3086
Android (android.graphics.Color)	4288792278 (0xFFA1C6D6)
YUV	188.7610, 12.4428, -24.3464
Hunter-Lab	72.6776, -11.7072, -7.3105

Details

The Yxy color **52.8203, 0.2747, 0.3086** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.2688, 0.3600, 0.3485**, and the grayscale version is **50.6788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **25.6379, 0.2649, 0.3030** is the 20% darker color. If you saturate the color by 10%, you get **47.9057, 0.2599, 0.2990**, and if you desaturate by 10%, it is **58.2447, 0.2900, 0.3174**.

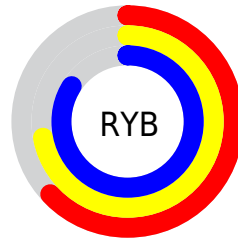
Distribution



Red (63%)

Green (78%)

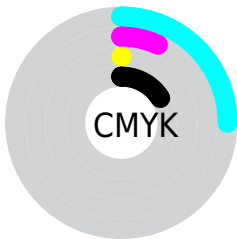
Blue (84%)



Red (63%)

Yellow (72%)

Blue (84%)

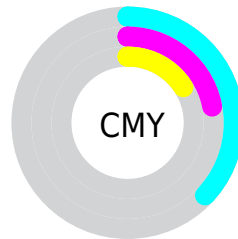


Cyan (25%)

Magenta (7%)

Yellow (0%)

Black (16%)



Cyan (37%)

Magenta (22%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.8203, 0.2747, 0.3086 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 52.8203, 0.2747, 0.3086 by changing the saturation by 10% instead.

■ 52.8203, 0.2747,
0.3086

■ 52.8203, 0.2747,
0.3086

■ 397.5953, 0.2931,
0.3188

■ 37.6593, 0.2703,
0.3061

■ 94.3399, 0.2812,
0.3123

■ 25.7184, 0.2648,
0.3028

■ 121.4673, 0.2837,
0.3137

■ 16.6131, 0.2576,
0.2986

■ 153.3523, 0.2859,
0.3149

■ 9.9590, 0.2479,
0.2927

■ 190.3793, 0.2877,
0.3159

■ 5.3718, 0.2341,
0.2840

■ 232.9328, 0.2893,
0.3167

■ 2.4670, 0.2132,
0.2701

■ 281.3970, 0.2907,

■ 0.8601, 0.1731,

0.3175

0.2464

336.1563, 0.2920,
0.3182

0.0000, 0.0000,
0.0000

52.8203, 0.2747,
0.3086

52.8203, 0.2747,
0.3086

47.9057, 0.2599,
0.2990

58.2447, 0.2900,
0.3174

43.4735, 0.2458,
0.2888

64.1920, 0.3054,
0.3254

39.5033, 0.2329,
0.2780

70.6827, 0.3206,
0.3327

35.9703, 0.2215,
0.2668

77.7340, 0.3356,
0.3391

32.8465, 0.2119,
0.2554

82.8274, 0.3408,
0.3453

■ 30.1001, 0.2043,
0.2439

■ 86.4821, 0.3398,
0.3516

■ 27.6922, 0.1987,
0.2326

■ 90.2706, 0.3388,
0.3579

■ 26.5376, 0.1963,
0.2268

■ 94.1943, 0.3378,
0.3640

■ 97.6341, 0.3370,
0.3691

Harmonies

Analogous

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



52.8203, 0.2791, 0.3254



52.8203, 0.2747, 0.3086



52.8203, 0.2800, 0.2980

Triad

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



52.8203, 0.2747, 0.3086



52.8203, 0.3330, 0.3145



52.8203, 0.3309, 0.3643

Complementary

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



52.8203, 0.2747, 0.3086



48.2688, 0.3600, 0.3485

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.



52.8203, 0.3461, 0.3600



52.8203, 0.2747, 0.3086



52.8203, 0.3474, 0.3310

Square

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



52.8203, 0.2747, 0.3086



52.8203, 0.3133, 0.3018



52.8203, 0.3523, 0.3476



52.8203, 0.3112, 0.3584

Rectangle

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



52.8203, 0.2747, 0.3086



52.8203, 0.2885, 0.2956



52.8203, 0.3523, 0.3476



52.8203, 0.3367, 0.3639

Sweetspot

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



52.8224, 0.2747, 0.3086



93.3912, 0.3019, 0.3237



58.8231, 0.2993, 0.3774



19.8716, 0.3009, 0.3232



0.0000, 0.0000, 0.0000



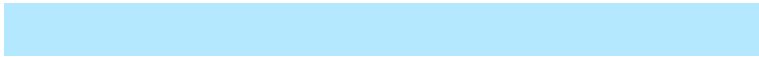
21.4041, 0.3127, 0.3290

Same Dimension

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



52.8224, 0.2747, 0.3086



74.4467, 0.2665, 0.3034



41.7574, 0.2716, 0.2734



13.4476, 0.2982, 0.3218



16.2334, 0.1968, 0.2284



1.1211, 0.2022, 0.2479

Inverse Universe

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



43.8395, 0.3295, 0.2852



59.1252, 0.3342, 0.2751



59.7529, 0.3527, 0.3790



12.5661, 0.3183, 0.3128



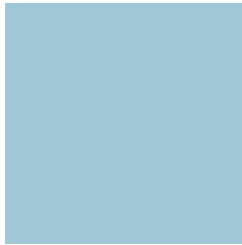
9.9836, 0.4143, 0.2056



0.6165, 0.3944, 0.1946

Previews

White Background



This preview shows how the Yxy color 52.8203, 0.2747, 0.3086 looks on a white background.

Color Contrast Check

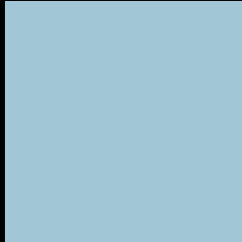
Large Text (above 18pt) WCAG AA × Fail

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 52.8203, 0.2747, 0.3086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

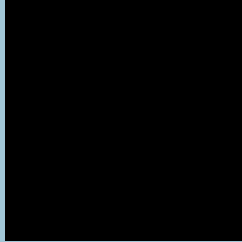
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

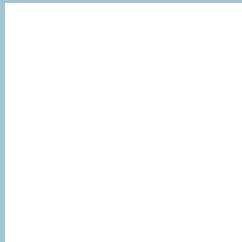
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.8203, 0.2747, 0.3086

Background



This preview shows how black text looks on a background with the Yxy color 52.8203, 0.2747, 0.3086.



This preview shows how white text looks on a background with the Yxy color 52.8203, 0.2747, 0.3086.

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

52.8203, 0.2747, 0.3086

Protanopia

52.3775, 0.2987, 0.3058

Deuteranopia

52.6406, 0.3007, 0.2947



Tritanopia

52.8203, 0.2747, 0.3086

Trichromacy



Original Color

52.8203, 0.2747, 0.3086

Protanomaly

52.4268, 0.2890, 0.3066

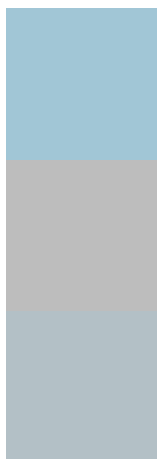
Deuteranomaly

52.4822, 0.2907, 0.2997

Tritanomaly

52.8203, 0.2747, 0.3086

Monochromacy



Original Color

52.8203, 0.2747, 0.3086

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.3602, 0.2980, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8203, 0.2747, 0.3086 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, 198, 214)` looks like.

```
.text, #text, p{  
    color:rgb(161, 198, 214)  
}
```

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, 198, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 198, 214) }
```

Border

The CSS property to change the border of an element to Yxy 52.8203, 0.2747, 0.3086 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, 198, 214) }
```

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

```
.border{ border-color:rgb(161, 198, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 198, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 198, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 198, 214);  
box-shadow:4px 4px 4px 4px rgb(161, 198,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8203, 0.2747, 0.3086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 198, 214) }
```

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

```
.background{ background-color: rgb(161,  
198, 214) }
```

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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