

Converting Colors

$Yxy(47.7010, 0.2841, 0.3085)$

Have a look what the booklet for
Yxy(47.7010, 0.2841, 0.3085)
contains.

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Color

Yxy(47.8042, 0.2844, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	A5BBCA
RGB	165, 187, 202
RGB Percent	65%, 73%, 79%
CMY	0.3528, 0.2667, 0.2078
CMYK	0.18, 0.07, 0.00, 0.21
HSL	204°, 26%, 72%
HSV	204°, 18%, 79%
XYZ	43.9558, 47.8042, 62.7961
YIQ	182.1320, -17.9270, 0.0010

Conversions

Conversions Part 2

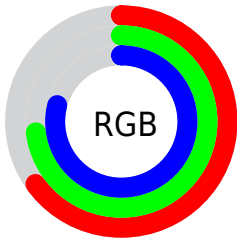
Format	Color
RYB	165, 179, 202
Decimal	10861514
CIELab	74.70, -4.29, -10.10
CIELCh	75, 10.971, 246.959
Yxy	47.8042, 0.2844, 0.3093
Android (android.graphics.Color)	4289051594 (0xFFA5BBCA)
YUV	182.1320, 9.7949, -15.0248
Hunter-Lab	69.1406, -7.5156, -5.4511

Details

The Yxy color $47.8042, 0.2844, 0.3093$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $47.9464, 0.3446, 0.3479$, and the grayscale version is $46.8127, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.5368, 0.2913, 0.3167$, and $22.6990, 0.2769, 0.3039$ is the 20% darker color. If you saturate the color by 10%, you get $42.4236, 0.2687, 0.2970$, and if you desaturate by 10%, it is $53.7300, 0.3000, 0.3205$.

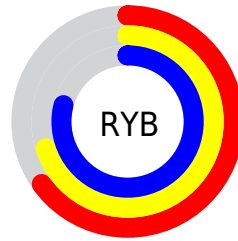
Distribution



Red (65%)

Green (73%)

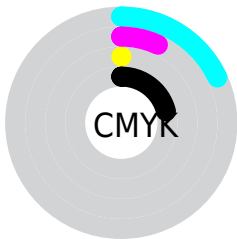
Blue (79%)



Red (65%)

Yellow (70%)

Blue (79%)

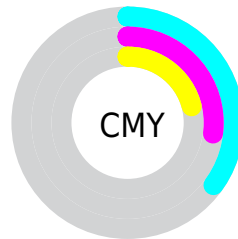


Cyan (18%)

Magenta (7%)

Yellow (0%)

Black (21%)



Cyan (35%)

Magenta (27%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.8042, 0.2844, 0.3093 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 47.8042, 0.2844, 0.3093 by changing the saturation by 10% instead.

■ 47.8042, 0.2844,
0.3093

■ 47.8042, 0.2844,
0.3093

■ 378.0155, 0.2984,
0.3192

■ 33.6719, 0.2810,
0.3068

■ 86.9128, 0.2894,
0.3129

■ 22.6416, 0.2766,
0.3037

■ 112.6579, 0.2913,
0.3142

■ 14.3291, 0.2708,
0.2994

■ 143.0426, 0.2930,
0.3154

■ 8.3499, 0.2629,
0.2935

■ 178.4514, 0.2944,
0.3164

■ 4.3197, 0.2512,
0.2847

■ 219.2687, 0.2956,
0.3172

■ 1.8539, 0.2327,
0.2703

■ 265.8789, 0.2966,

■ 0.5205, 0.1759,

0.3180

0.2348

318.6664, 0.2976,
0.3186

0.0000, 0.0000,
0.0000

47.8042, 0.2844,
0.3093

47.8042, 0.2844,
0.3093

42.4236, 0.2687,
0.2970

53.7300, 0.3000,
0.3205

37.5631, 0.2532,
0.2835

60.2133, 0.3153,
0.3306

33.2039, 0.2384,
0.2692

67.2733, 0.3300,
0.3397

29.3236, 0.2246,
0.2540

74.9264, 0.3441,
0.3476

25.8978, 0.2122,
0.2384

81.0317, 0.3493,
0.3554

■ 22.8988, 0.2017,
0.2226

■ 85.6571, 0.3477,
0.3634

■ 20.2951, 0.1933,
0.2070

■ 90.4998, 0.3461,
0.3712

■ 18.0400, 0.1869,
0.1918

■ 95.5628, 0.3446,
0.3789

■ 17.6802, 0.1859,
0.1892

■ 97.0450, 0.3442,
0.3810

Harmonies

Analogous

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



47.8042, 0.2846, 0.3205



47.8042, 0.2844, 0.3093



47.8042, 0.2916, 0.3037

Triad

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



47.8042, 0.2844, 0.3093



47.8042, 0.3337, 0.3233



47.8042, 0.3204, 0.3547

Complementary

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



47.8042, 0.2844, 0.3093



47.9464, 0.3446, 0.3479

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.



47.8042, 0.3339, 0.3549



47.8042, 0.2844, 0.3093



47.8042, 0.3417, 0.3364

Square

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



47.8042, 0.2844, 0.3093



47.8042, 0.3199, 0.3118



47.8042, 0.3418, 0.3480



47.8042, 0.3051, 0.3472

Rectangle

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



47.8042, 0.2844, 0.3093



47.8042, 0.2998, 0.3036



47.8042, 0.3418, 0.3480



47.8042, 0.3253, 0.3557

Sweetspot

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



47.8062, 0.2844, 0.3093



94.4003, 0.3050, 0.3239



53.5406, 0.3002, 0.3582



20.0413, 0.3039, 0.3232



0.0000, 0.0000, 0.0000



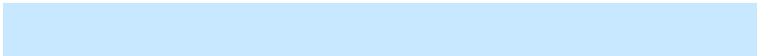
21.4041, 0.3127, 0.3290

Same Dimension

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



47.8062, 0.2844, 0.3093



77.1765, 0.2781, 0.3045



40.5486, 0.2831, 0.2846



11.9326, 0.2983, 0.3194



11.5540, 0.1865, 0.1913



0.7428, 0.1947, 0.2210

Inverse Universe

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



43.0722, 0.3279, 0.3018



67.8986, 0.3319, 0.2956



55.8106, 0.3407, 0.3698



11.3236, 0.3199, 0.3153



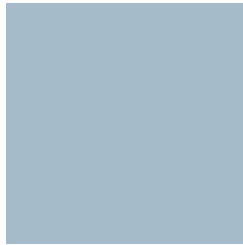
8.9694, 0.4553, 0.2282



0.4775, 0.4222, 0.2099

Previews

White Background



This preview shows how the Yxy color 47.8042, 0.2844, 0.3093 looks on a white background.

Color Contrast Check

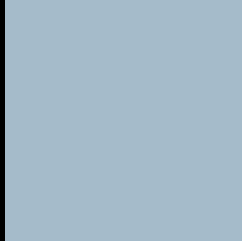
Large Text (above 18pt) WCAG AA × Fail

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 47.8042, 0.2844, 0.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

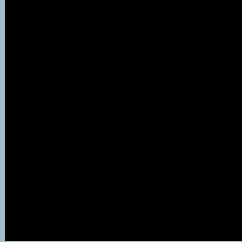
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

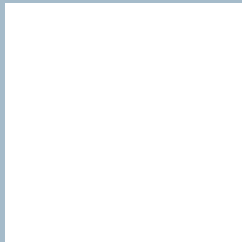
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.8042, 0.2844, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 47.8042, 0.2844, 0.3093.



This preview shows how white text looks on a background with the Yxy color 47.8042, 0.2844, 0.3093.

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

47.8042, 0.2844, 0.3093

Protanopia

47.5245, 0.2996, 0.3074

Deuteranopia

47.8063, 0.3041, 0.2981



Tritanopia

47.8042, 0.2844, 0.3093

Trichromacy



Original Color

47.8042, 0.2844, 0.3093

Protanomaly

47.6812, 0.2941, 0.3084

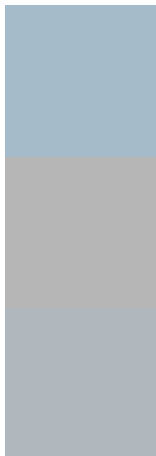
Deuteranomaly

47.7128, 0.2967, 0.3024

Tritanomaly

47.8042, 0.2844, 0.3093

Monochromacy



Original Color

47.8042, 0.2844, 0.3093

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.1852, 0.3023, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8042, 0.2844, 0.3093 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(165, 187, 202)` looks like.

```
.text, #text, p{  
    color:rgb(165, 187, 202)  
}
```

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(165, 187, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 187, 202) }
```

Border

The CSS property to change the border of an element to Yxy 47.8042, 0.2844, 0.3093 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(165, 187, 202) }
```

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

```
.border{ border-color:rgb(165, 187, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 187, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 187, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 187, 202);  
box-shadow:4px 4px 4px 4px rgb(165, 187,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8042, 0.2844, 0.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 187, 202) }
```

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

```
.background{ background-color: rgb(165,  
187, 202) }
```

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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