

Converting Colors

$Y_{xy}(20.8839, 0.3898, 0.2884)$

Have a look what the booklet for
Yxy(20.8839, 0.3898, 0.2884)
contains.

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Color

Yxy(20.8897, 0.3902, 0.2882)

Conversions

Conversions Part 1

Format	Color
Hex	B86481
RGB	184, 100, 129
RGB Percent	72%, 39%, 51%
CMY	0.2785, 0.6078, 0.4941
CMYK	0.00, 0.46, 0.30, 0.28
HSL	339°, 37%, 56%
HSV	339°, 46%, 72%
XYZ	28.2830, 20.8897, 23.3106
YIQ	128.4220, 40.7550, 26.8270

Conversions

Conversions Part 2

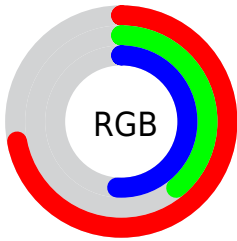
Format	Color
RYB	184, 100, 129
Decimal	12084353
CIELab	52.83, 37.13, -0.98
CIELCh	53, 37.148, 358.496
Yxy	20.8897, 0.3902, 0.2882
Android (android.graphics.Color)	4290274433 (0xFFB86481)
YUV	128.4220, 0.2850, 48.7419
Hunter-Lab	45.7053, 30.4739, 1.7545

Details

The Yxy color **20.8897, 0.3902, 0.2882** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **39.3489, 0.2702, 0.3756**, and the grayscale version is **21.7304, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.0371, 0.3727, 0.2973**, and **7.4496, 0.4200, 0.2723** is the 20% darker color. If you saturate the color by 10%, you get **17.4486, 0.4172, 0.2804**, and if you desaturate by 10%, it is **25.1675, 0.3672, 0.2971**.

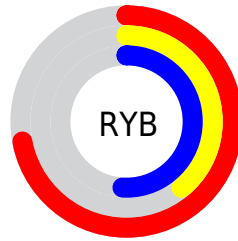
Distribution



Red (72%)

Green (39%)

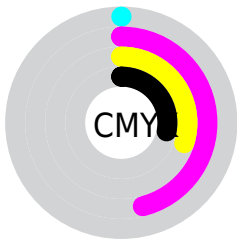
Blue (51%)



Red (72%)

Yellow (39%)

Blue (51%)

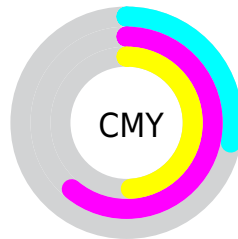


Cyan (0%)

Magenta (46%)

Yellow (30%)

Black (28%)



Cyan (28%)


Magenta (61%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.8897, 0.3902, 0.2882 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 20.8897, 0.3902, 0.2882 by changing the saturation by 10% instead.


 20.8897, 0.3902,
0.2882


 20.8897, 0.3902,
0.2882


256.6917, 0.3465,
0.3111


 13.0434, 0.4031,
0.2815


 44.9039, 0.3729,
0.2972

 7.4584, 0.4211,
0.2721


 61.8406, 0.3669,
0.3004

 3.7504, 0.4479,
0.2583

 82.5762, 0.3619,
0.3030

 1.5350, 0.4916,
0.2360

 107.4951, 0.3578,
0.3052

 0.3131, 0.6354,
0.1581

136.9817, 0.3543,
0.3070

 0.0000, 1.0000,
0.0000

171.4204, 0.3513,

 0.0000, 0.0000,

0.3086

0.0000

211.1956, 0.3488,
0.3099

■ 20.8897, 0.3902,
0.2882

■ 20.8897, 0.3902,
0.2882

■ 17.4486, 0.4172,
0.2804

■ 25.1675, 0.3672,
0.2971

■ 14.7855, 0.4478,
0.2748

■ 30.3295, 0.3479,
0.3064

■ 12.8390, 0.4811,
0.2725


■ 36.4230, 0.3320,
0.3156


■ 11.5369, 0.5148,
0.2747


■ 43.4914, 0.3190,
0.3243

■ 10.7888, 0.5464,
0.2819


■ 51.5751, 0.3083,
0.3325

 10.5523, 0.5595,
0.2856

 60.7121, 0.2996,
0.3401

 70.9389, 0.2924,
0.3470

 82.2897, 0.2865,
0.3533

 87.8470, 0.2808,
0.3481

Harmonies

Analogous

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



20.8897, 0.3218, 0.2498



20.8897, 0.3902, 0.2882



20.8897, 0.4377, 0.3367

Triad

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



20.8897, 0.3902, 0.2882



20.8897, 0.3583, 0.4535



20.8897, 0.1945, 0.2506

Complementary

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



20.8897, 0.3902, 0.2882



39.3489, 0.2702, 0.3756

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.



20.8897, 0.2016, 0.3009



20.8897, 0.3902, 0.2882



20.8897, 0.2927, 0.4321

Square

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



20.8897, 0.3902, 0.2882



20.8897, 0.4150, 0.4323



20.8897, 0.2358, 0.3706



20.8897, 0.2136, 0.2270

Rectangle

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



20.8897, 0.3902, 0.2882



20.8897, 0.4478, 0.3709



20.8897, 0.2358, 0.3706



20.8897, 0.1938, 0.2645

Sweetspot

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



20.8907, 0.3902, 0.2882



67.7314, 0.3300, 0.3168



19.5061, 0.2839, 0.2078



14.0476, 0.3331, 0.3149



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



20.8907, 0.3902, 0.2882



31.4818, 0.4180, 0.2802



22.8323, 0.4247, 0.3472



9.0620, 0.3235, 0.3211



7.2866, 0.5563, 0.2838



0.2688, 0.4831, 0.2435

Inverse Universe

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



20.8907, 0.3902, 0.2882



31.4818, 0.4180, 0.2802



35.4416, 0.2489, 0.3091



9.0620, 0.3235, 0.3211



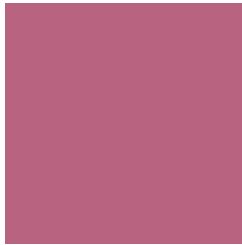
7.2866, 0.5563, 0.2838



0.2688, 0.4831, 0.2435

Previews

White Background



This preview shows how the Yxy color 20.8897, 0.3902, 0.2882 looks on a white background.

Color Contrast Check

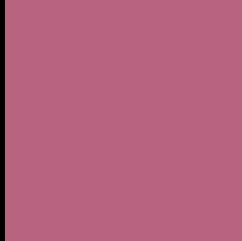
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.8897, 0.3902, 0.2882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

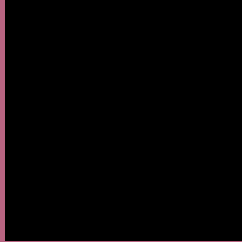
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.8897, 0.3902, 0.2882

Background



This preview shows how black text looks on a background with the Yxy color 20.8897, 0.3902, 0.2882.



This preview shows how white text looks on a background with the Yxy color 20.8897, 0.3902, 0.2882.

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

20.8897, 0.3902, 0.2882

Protanopia

21.1770, 0.2893, 0.2954

Deuteranopia

20.8887, 0.3303, 0.3238



Tritanopia

20.7933, 0.4128, 0.3178

Trichromacy



Original Color

20.8897, 0.3902, 0.2882

Protanomaly

20.6064, 0.3219, 0.2922

Deuteranomaly

20.5095, 0.3516, 0.3094

Tritanomaly

20.8780, 0.4043, 0.3064

Monochromacy



Original Color

20.8897, 0.3902, 0.2882

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.8113, 0.3389, 0.3123

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.8897, 0.3902, 0.2882 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(184, 100, 129)` looks like.

```
.text, #text, p{  
    color:rgb(184, 100, 129)  
}
```

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(184, 100, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 100, 129) }
```

Border

The CSS property to change the border of an element to Yxy 20.8897, 0.3902, 0.2882 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(184, 100, 129) }
```

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

```
.border{ border-color:rgb(184, 100, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 100, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 100, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 100, 129);  
box-shadow:4px 4px 4px 4px rgb(184, 100,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 20.8897, 0.3902, 0.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 100, 129) }
```

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

```
.background{ background-color: rgb(184,  
100, 129) }
```

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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