

Converting Colors

$Y_{xy}(21.5551, 0.3707, 0.2781)$

Have a look what the booklet for
Yxy(21.5551, 0.3707, 0.2781)
contains.

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Color

Yxy(21.5885, 0.3707, 0.2791)

Conversions

Conversions Part 1

Format	Color
Hex	B5688B
RGB	181, 104, 139
RGB Percent	71%, 41%, 55%
CMY	0.2901, 0.5922, 0.4548
CMYK	0.00, 0.43, 0.23, 0.29
HSL	333°, 34%, 56%
HSV	333°, 43%, 71%
XYZ	28.6738, 21.5885, 27.0881
YIQ	131.0130, 34.6570, 27.2090

Conversions

Conversions Part 2

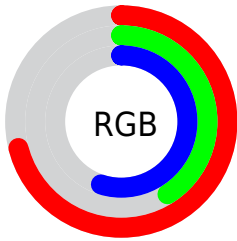
Format	Color
R _Y B	181, 104, 139
Decimal	11888779
CIE Lab	53.59, 35.39, -5.81
CIE LCh	54, 35.867, 350.680
Yxy	21.5885, 0.3707, 0.2791
Android (android.graphics.Color)	4290078859 (0xFFB5688B)
YUV	131.0130, 3.9376, 43.8386
Hunter-Lab	46.4634, 28.8460, -2.0416

Details

The Yxy color **21.5885, 0.3707, 0.2791** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **38.0798, 0.2781, 0.3862**, and the grayscale version is **22.6784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.0969, 0.3581, 0.2905**, and **7.7952, 0.3927, 0.2611** is the 20% darker color. If you saturate the color by 10%, you get **18.0530, 0.3915, 0.2682**, and if you desaturate by 10%, it is **25.9344, 0.3529, 0.2910**.

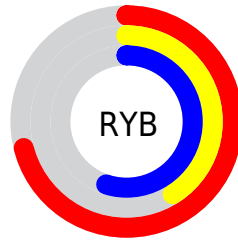
Distribution



Red (71%)

Green (41%)

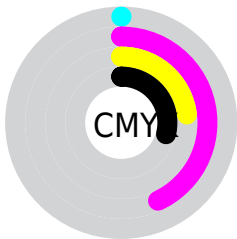
Blue (55%)



Red (71%)

Yellow (41%)

Blue (55%)

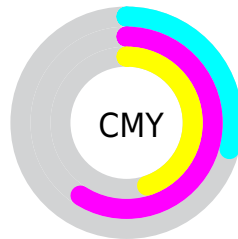


Cyan (0%)

Magenta (43%)

Yellow (23%)

Black (29%)



Cyan (29%)


Magenta (59%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.5885, 0.3707, 0.2791 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 21.5885, 0.3707, 0.2791 by changing the saturation by 10% instead.


 21.5885, 0.3707,
0.2791


 21.5885, 0.3707,
0.2791


260.3897, 0.3385,
0.3064


 13.5549, 0.3800,
0.2714


 46.0649, 0.3581,
0.2896

 7.8117, 0.3929,
0.2610


 63.2765, 0.3537,
0.2934

 3.9747, 0.4117,
0.2461

 84.3162, 0.3500,
0.2965

 1.6594, 0.4417,
0.2229

 109.5683, 0.3469,
0.2991

 0.3972, 0.5142,
0.1561

139.4174, 0.3444,
0.3013

 0.0000, 1.0000,
0.0000

174.2477, 0.3421,

 0.0000, 0.0000,

0.3032

0.0000

214.4437, 0.3402,
0.3049

■ 21.5885, 0.3707,
0.2791

■ 21.5885, 0.3707,
0.2791

■ 18.0530, 0.3915,
0.2682

■ 25.9344, 0.3529,
0.2910

■ 15.2736, 0.4151,
0.2592

■ 31.1343, 0.3379,
0.3031

■ 13.1940, 0.4411,
0.2533

■ 37.2324, 0.3254,
0.3150


■ 11.7490, 0.4683,
0.2519

■ 44.2689, 0.3151,
0.3262

■ 10.8603, 0.4953,
0.2556


■ 52.2814, 0.3065,
0.3368

 10.4421, 0.5148,
0.2609

 61.3058, 0.2995,
0.3465

 71.3758, 0.2937,
0.3555

 82.5238, 0.2889,
0.3638

 86.9422, 0.2841,
0.3590

Harmonies

Analogous

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



21.5885, 0.3044, 0.2456



21.5885, 0.3707, 0.2791



21.5885, 0.4234, 0.3241

Triad

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



21.5885, 0.3707, 0.2791



21.5885, 0.3725, 0.4460



21.5885, 0.1984, 0.2644

Complementary

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



21.5885, 0.3707, 0.2791



38.0798, 0.2781, 0.3862

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.



21.5885, 0.2122, 0.3188



21.5885, 0.3707, 0.2791



21.5885, 0.3102, 0.4366

Square

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



21.5885, 0.3707, 0.2791



21.5885, 0.4215, 0.4187



21.5885, 0.2518, 0.3860



21.5885, 0.2104, 0.2347

Rectangle

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



21.5885, 0.3707, 0.2791



21.5885, 0.4402, 0.3570



21.5885, 0.2518, 0.3860



21.5885, 0.2001, 0.2799

Sweetspot

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



21.5895, 0.3707, 0.2791



65.8887, 0.3262, 0.3142



19.2613, 0.2764, 0.2131



13.7009, 0.3287, 0.3116



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



21.5895, 0.3707, 0.2791



32.7231, 0.3899, 0.2689



21.2489, 0.4196, 0.3330



8.5674, 0.3218, 0.3187



7.2091, 0.5118, 0.2593



0.2386, 0.4453, 0.2227

Inverse Universe

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



21.5895, 0.3707, 0.2791



32.7231, 0.3899, 0.2689



38.3069, 0.2550, 0.3249



8.5674, 0.3218, 0.3187



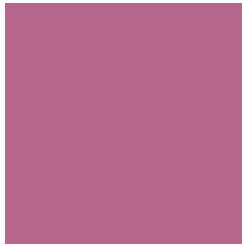
7.2091, 0.5118, 0.2593



0.2386, 0.4453, 0.2227

Previews

White Background



This preview shows how the Yxy color 21.5885, 0.3707, 0.2791 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 21.5885, 0.3707, 0.2791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

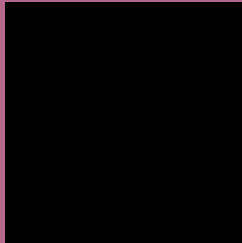
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.5885, 0.3707, 0.2791

Background



This preview shows how black text looks on a background with the Yxy color 21.5885, 0.3707, 0.2791.



This preview shows how white text looks on a background with the Yxy color 21.5885, 0.3707, 0.2791.

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

21.5885, 0.3707, 0.2791

Protanopia

21.7228, 0.2806, 0.2823

Deuteranopia

21.8198, 0.3171, 0.3118



Tritanopia

21.5698, 0.3990, 0.3175

Trichromacy



Original Color

21.5885, 0.3707, 0.2791

Protanomaly

21.2929, 0.3090, 0.2797

Deuteranomaly

21.3702, 0.3368, 0.2983

Tritanomaly

21.6739, 0.3894, 0.3045

Monochromacy



Original Color

21.5885, 0.3707, 0.2791

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

21.7855, 0.3322, 0.3075

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.5885, 0.3707, 0.2791 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(181, 104, 139)` looks like.

```
.text, #text, p{  
    color:rgb(181, 104, 139)  
}
```

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(181, 104, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 104, 139) }
```

Border

The CSS property to change the border of an element to Yxy 21.5885, 0.3707, 0.2791 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(181, 104, 139) }
```

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

```
.border{ border-color:rgb(181, 104, 139) }
```

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

Here you see how a box with a 4 pixel rgb(181, 104, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 104, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 104, 139);  
box-shadow:4px 4px 4px 4px rgb(181, 104,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 21.5885, 0.3707, 0.2791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 104, 139) }
```

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

```
.background{ background-color: rgb(181,  
104, 139) }
```

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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