

Converting Colors

$Y_{xy}(19.7421, 0.3805, 0.2713)$

Have a look what the booklet for
Yxy(19.7421, 0.3805, 0.2713)
contains.

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Color

Yxy(19.6998, 0.3809, 0.2712)

Conversions

Conversions Part 1

Format	Color
Hex	B65E87
RGB	182, 94, 135
RGB Percent	71%, 37%, 53%
CMY	0.2863, 0.6314, 0.4705
CMYK	0.00, 0.48, 0.26, 0.29
HSL	332°, 38%, 54%
HSV	332°, 48%, 71%
XYZ	27.6683, 19.6998, 25.2712
YIQ	124.9860, 39.2870, 31.4070

Conversions

Conversions Part 2

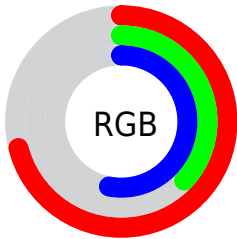
Format	Color
R_{YB}	182, 94, 135
Decimal	11951751
CIE _{Lab}	51.50, 40.44, -6.54
CIE _{LCh}	51, 40.967, 350.818
Yxy	19.6998, 0.3809, 0.2712
Android (android.graphics.Color)	4290141831 (0xFFB65E87)
YUV	124.9860, 4.9369, 50.0013
Hunter-Lab	44.3845, 33.6004, -2.6889

Details

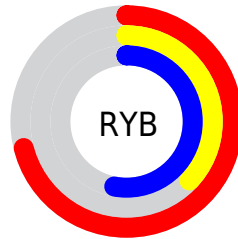
The Yxy color **19.6998, 0.3809, 0.2712** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **37.7591, 0.2752, 0.3974**, and the grayscale version is **20.4772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.0235, 0.3662, 0.2841**, and **6.8957, 0.4096, 0.2509** is the 20% darker color. If you saturate the color by 10%, you get **16.5752, 0.4028, 0.2610**, and if you desaturate by 10%, it is **23.6144, 0.3618, 0.2829**.

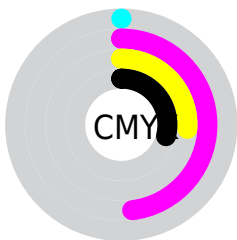
Distribution



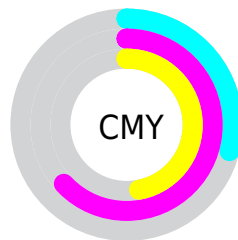
- Red (71%)
- Green (37%)
- Blue (53%)



- Red (71%)
- Yellow (37%)
- Blue (53%)



- Cyan (0%)
- Magenta (48%)
- Yellow (26%)
- Black (29%)





- Cyan (29%)
- Magenta (63%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.6998, 0.3809, 0.2712 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 19.6998, 0.3809, 0.2712 by changing the saturation by 10% instead.


 19.6998, 0.3809,
0.2712


 19.6998, 0.3809,
0.2712


250.2853, 0.3426,
0.3030


 12.1770, 0.3921,
0.2622


 42.9133, 0.3658,
0.2835


 6.8644, 0.4078,
0.2498


 59.3728, 0.3605,
0.2879

 3.3774, 0.4308,
0.2320

 79.5800, 0.3562,
0.2916

 1.3318, 0.4683,
0.2042

 103.9193, 0.3526,
0.2946

 0.1656, 0.5956,
0.0834

132.7751, 0.3495,
0.2972

 0.0000, 1.0000,
0.0000

166.5318, 0.3469,

 0.0000, 0.0000,

0.2994

0.0000

205.5737, 0.3446,
0.3013

■ 19.6998, 0.3809,
0.2712

■ 19.6998, 0.3809,
0.2712

■ 16.5752, 0.4028,
0.2610

■ 23.6144, 0.3618,
0.2829

■ 14.1826, 0.4273,
0.2534

■ 28.3660, 0.3456,
0.2953

■ 12.4606, 0.4534,
0.2497


■ 34.0011, 0.3320,
0.3076

■ 11.3362, 0.4801,
0.2510


■ 40.5621, 0.3207,
0.3195


■ 10.6892, 0.5058,
0.2572


■ 48.0885, 0.3113,
0.3308

 10.5983, 0.5101,
0.2583

 56.6178, 0.3036,
0.3413

 66.1851, 0.2972,
0.3510

 76.8240, 0.2919,
0.3599

 86.7647, 0.2874,
0.3651

Harmonies

Analogous

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



19.6998, 0.3026, 0.2333



19.6998, 0.3809, 0.2712



19.6998, 0.4434, 0.3219

Triad

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



19.6998, 0.3809, 0.2712



19.6998, 0.3801, 0.4665



19.6998, 0.1813, 0.2523

Complementary

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



19.6998, 0.3809, 0.2712



37.7591, 0.2752, 0.3974

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.



19.6998, 0.1961, 0.3151



19.6998, 0.3809, 0.2712



19.6998, 0.3077, 0.4579

Square

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



19.6998, 0.3809, 0.2712



19.6998, 0.4382, 0.4313



19.6998, 0.2405, 0.3965



19.6998, 0.1950, 0.2197

Rectangle

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



19.6998, 0.3809, 0.2712



19.6998, 0.4625, 0.3591



19.6998, 0.2405, 0.3965



19.6998, 0.1830, 0.2699

Sweetspot

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



19.7008, 0.3809, 0.2712



65.1436, 0.3282, 0.3114



17.0403, 0.2699, 0.1964



13.8594, 0.3308, 0.3088



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.



19.7008, 0.3809, 0.2712



29.7385, 0.4043, 0.2604



19.2909, 0.4423, 0.3335



9.0800, 0.3217, 0.3184



7.4975, 0.5074, 0.2569



0.2768, 0.4471, 0.2237

Inverse Universe

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



19.7008, 0.3809, 0.2712



29.7385, 0.4043, 0.2604



38.0248, 0.2489, 0.3242



9.0800, 0.3217, 0.3184



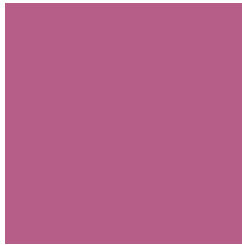
7.4975, 0.5074, 0.2569



0.2768, 0.4471, 0.2237

Previews

White Background



This preview shows how the Yxy color 19.6998, 0.3809, 0.2712 looks on a white background.

Color Contrast Check

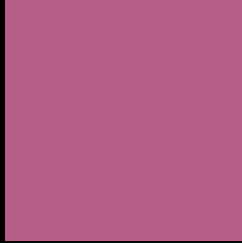
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6998, 0.3809, 0.2712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

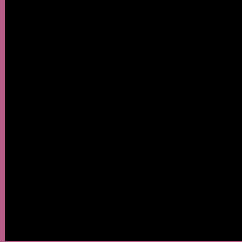
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.6998, 0.3809, 0.2712

Background



This preview shows how black text looks on a background with the Yxy color 19.6998, 0.3809, 0.2712.



This preview shows how white text looks on a background with the Yxy color 19.6998, 0.3809, 0.2712.

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

19.6998, 0.3809, 0.2712

Protanopia

19.9320, 0.2736, 0.2739

Deuteranopia

19.9772, 0.3149, 0.3094



Tritanopia

19.7596, 0.4167, 0.3191

Trichromacy



Original Color

19.6998, 0.3809, 0.2712

Protanomaly

19.2391, 0.3079, 0.2718

Deuteranomaly

19.5189, 0.3380, 0.2941

Tritanomaly

19.7230, 0.4039, 0.3017

Monochromacy



Original Color

19.6998, 0.3809, 0.2712

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.7306, 0.3360, 0.3036

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6998, 0.3809, 0.2712 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(182, 94, 135)` looks like.

```
.text, #text, p{  
    color:rgb(182, 94, 135)  
}
```

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(182, 94, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 94, 135) }
```

Border

The CSS property to change the border of an element to Yxy 19.6998, 0.3809, 0.2712 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(182, 94, 135) }
```

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

```
.border{ border-color:rgb(182, 94, 135) }
```

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

Here you see how a box with a 4 pixel rgb(182, 94, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 94, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 94, 135);  
box-shadow:4px 4px 4px 4px rgb(182, 94,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6998, 0.3809, 0.2712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 94, 135) }
```

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

```
.background{ background-color: rgb(182, 94,  
135) }
```

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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