

Converting Colors

$Y_{xy}(19.8450, 0.4028, 0.2729)$

Have a look what the booklet for
Yxy(19.8450, 0.4028, 0.2729)
contains.

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Color

Yxy(19.8246, 0.4022, 0.2719)

Conversions

Conversions Part 1

Format	Color
Hex	C05883
RGB	192, 88, 131
RGB Percent	75%, 35%, 51%
CMY	0.2471, 0.6549, 0.4862
CMYK	0.00, 0.54, 0.32, 0.25
HSL	335°, 45%, 55%
HSV	335°, 54%, 75%
XYZ	29.3250, 19.8246, 23.7618
YIQ	123.9980, 48.1810, 35.4210

Conversions

Conversions Part 2

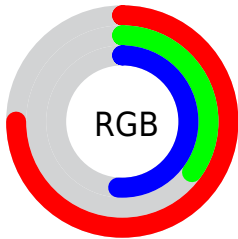
Format	Color
R_{YB}	192, 88, 131
Decimal	12605571
CIE _{Lab}	51.64, 46.32, -3.79
CIE _{LCh}	52, 46.470, 355.317
Yxy	19.8246, 0.4022, 0.2719
Android (android.graphics.Color)	4290795651 (0xFFC05883)
YUV	123.9980, 3.4520, 59.6378
Hunter-Lab	44.5248, 39.6453, -0.4743

Details

The Yxy color **19.8246, 0.4022, 0.2719** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **41.9413, 0.2688, 0.3984**, and the grayscale version is **20.1328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.0197, 0.3824, 0.2838**, and **6.9041, 0.4368, 0.2495** is the 20% darker color. If you saturate the color by 10%, you get **16.7887, 0.4287, 0.2643**, and if you desaturate by 10%, it is **23.7256, 0.3789, 0.2816**.

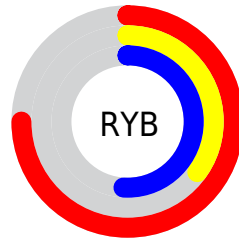
Distribution



Red (75%)

Green (35%)

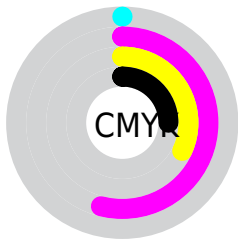
Blue (51%)



Red (75%)

Yellow (35%)

Blue (51%)

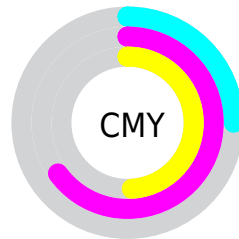


Cyan (0%)

Magenta (54%)

Yellow (32%)

Black (25%)



Cyan (25%)


Magenta (65%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.8246, 0.4022, 0.2719 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 19.8246, 0.4022, 0.2719 by changing the saturation by 10% instead.


 19.8246, 0.4022,
0.2719


 19.8246, 0.4022,
0.2719


250.9640, 0.3517,
0.3036


 12.2676, 0.4171,
0.2628


 43.1229, 0.3823,
0.2843

 6.9262, 0.4378,
0.2502


 59.6330, 0.3753,
0.2887

 3.4160, 0.4684,
0.2320


 79.8963, 0.3696,
0.2923

 1.3526, 0.5179,
0.2034

 104.2972, 0.3648,
0.2953

 0.1814, 0.6837,
0.0891

133.2199, 0.3608,
0.2978

 0.0000, 1.0000,
0.0000

167.0491, 0.3573,

 0.0000, 0.0000,

0.3000

0.0000

206.1690, 0.3543,
0.3020

■ 19.8246, 0.4022,
0.2719

■ 19.8246, 0.4022,
0.2719

■ 16.7887, 0.4287,
0.2643

■ 23.7256, 0.3789,
0.2816

■ 14.5472, 0.4576,
0.2601

■ 28.5491, 0.3590,
0.2924

■ 13.0229, 0.4876,
0.2604

■ 34.3511, 0.3422,
0.3035

■ 12.1218, 0.5166,
0.2660

■ 41.1821, 0.3283,
0.3145

■ 11.7765, 0.5329,
0.2709

■ 49.0894, 0.3169,
0.3249

■ 58.1171, 0.3074,
0.3346

■ 68.3069, 0.2997,
0.3436

■ 79.6983, 0.2933,
0.3519

■ 88.5712, 0.2878,
0.3535

Harmonies

Analogous

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



19.8246, 0.3136, 0.2280



19.8246, 0.4022, 0.2719



19.8246, 0.4674, 0.3284

Triad

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



19.8246, 0.4022, 0.2719



19.8246, 0.3744, 0.4868



19.8246, 0.1676, 0.2346

Complementary

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



19.8246, 0.4022, 0.2719



41.9413, 0.2688, 0.3984

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.



19.8246, 0.1783, 0.2993



19.8246, 0.4022, 0.2719



19.8246, 0.2932, 0.4702

Square

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



19.8246, 0.4022, 0.2719



19.8246, 0.4438, 0.4491



19.8246, 0.2217, 0.3919



19.8246, 0.1871, 0.2048

Rectangle

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



19.8246, 0.4022, 0.2719



19.8246, 0.4827, 0.3693



19.8246, 0.2217, 0.3919



19.8246, 0.1677, 0.2521

Sweetspot

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



19.8256, 0.4022, 0.2719



71.8733, 0.3310, 0.3122



17.1442, 0.2686, 0.1818



14.8527, 0.3338, 0.3100



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



19.8256, 0.4022, 0.2719



29.5526, 0.4340, 0.2632



20.3994, 0.4635, 0.3408



10.1455, 0.3226, 0.3195



7.9395, 0.5297, 0.2692



0.3567, 0.4720, 0.2374

Inverse Universe

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



19.8256, 0.4022, 0.2719



29.5526, 0.4340, 0.2632



39.8835, 0.2417, 0.3156



10.1455, 0.3226, 0.3195



7.9395, 0.5297, 0.2692



0.3567, 0.4720, 0.2374

Previews

White Background



This preview shows how the Yxy color 19.8246, 0.4022, 0.2719 looks on a white background.

Color Contrast Check

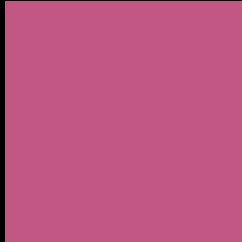
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.8246, 0.4022, 0.2719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

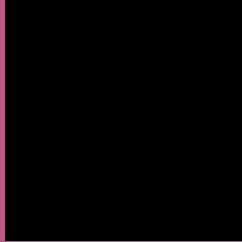
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.8246, 0.4022, 0.2719

Background



This preview shows how black text looks on a background with the Yxy color 19.8246, 0.4022, 0.2719.



This preview shows how white text looks on a background with the Yxy color 19.8246, 0.4022, 0.2719.

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

19.8246, 0.4022, 0.2719

Protanopia

19.9320, 0.2736, 0.2739

Deuteranopia

20.0076, 0.3232, 0.3183



Tritanopia

19.7638, 0.4425, 0.3199

Trichromacy



Original Color

19.8246, 0.4022, 0.2719

Protanomaly

19.1255, 0.3142, 0.2708

Deuteranomaly

19.2522, 0.3506, 0.2963

Tritanomaly

19.7713, 0.4277, 0.3022

Monochromacy



Original Color

19.8246, 0.4022, 0.2719

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.2907, 0.3432, 0.3021

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.8246, 0.4022, 0.2719 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(192, 88, 131)` looks like.

```
.text, #text, p{  
    color:rgb(192, 88, 131)  
}
```

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(192, 88, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 88, 131) }
```

Border

The CSS property to change the border of an element to Yxy 19.8246, 0.4022, 0.2719 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(192, 88, 131) }
```

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

```
.border{ border-color:rgb(192, 88, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 88, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 88, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 88, 131);  
box-shadow:4px 4px 4px 4px rgb(192, 88,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 19.8246, 0.4022, 0.2719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 88, 131) }
```

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

```
.background{ background-color: rgb(192, 88,  
131) }
```

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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