

Converting Colors

$Y_{xy}(20.5181, 0.3981, 0.2706)$

Have a look what the booklet for
Yxy(20.5181, 0.3981, 0.2706)
contains.

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Color

Yxy(20.5309, 0.3979, 0.2698)

Conversions

Conversions Part 1

Format	Color
Hex	C25A87
RGB	194, 90, 135
RGB Percent	76%, 35%, 53%
CMY	0.2392, 0.6471, 0.4706
CMYK	0.00, 0.54, 0.30, 0.24
HSL	334°, 46%, 56%
HSV	334°, 54%, 76%
XYZ	30.2789, 20.5309, 25.2869
YIQ	126.2260, 47.5390, 36.0430

Conversions

Conversions Part 2

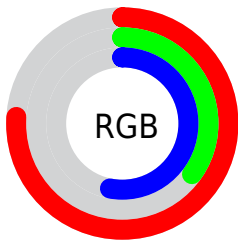
Format	Color
RYB	194, 90, 135
Decimal	12737159
CIELab	52.43, 46.52, -4.95
CIElCh	52, 46.780, 353.928
Yxy	20.5309, 0.3979, 0.2698
Android (android.graphics.Color)	4290927239 (0xFFC25A87)
YUV	126.2260, 4.3256, 59.4378
Hunter-Lab	45.3110, 39.9875, -1.3705

Details

The Yxy color **20.5309, 0.3979, 0.2698** 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 **42.9316, 0.2703, 0.4010**, and the grayscale version is **20.9181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.1584, 0.3795, 0.2821**, and **7.2360, 0.4318, 0.2482** is the 20% darker color. If you saturate the color by 10%, you get **17.3811, 0.4232, 0.2616**, and if you desaturate by 10%, it is **24.5689, 0.3756, 0.2801**.

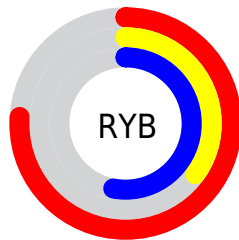
Distribution



Red (76%)

Green (35%)

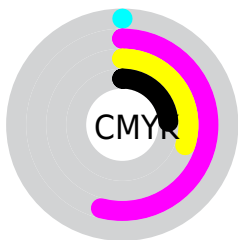
Blue (53%)



Red (76%)

Yellow (35%)

Blue (53%)

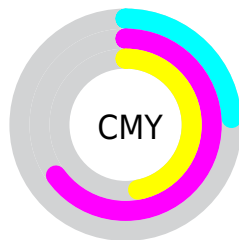


Cyan (0%)

Magenta (54%)

Yellow (30%)

Black (24%)



Cyan (24%)


Magenta (65%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.5309, 0.3979, 0.2698 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 20.5309, 0.3979, 0.2698 by changing the saturation by 10% instead.


 20.5309, 0.3979,
0.2698


 20.5309, 0.3979,
0.2698


254.7749, 0.3502,
0.3024


 12.7815, 0.4118,
0.2606


 44.3055, 0.3792,
0.2824

 7.2783, 0.4310,
0.2480


 61.0995, 0.3726,
0.2869

 3.6367, 0.4593,
0.2300

 81.6773, 0.3672,
0.2906

 1.4725, 0.5043,
0.2021

 106.4230, 0.3627,
0.2937

 0.2693, 0.6259,
0.1109

135.7213, 0.3588,
0.2964

 0.0000, 1.0000,
0.0000

169.9564, 0.3555,

 0.0000, 0.0000,

0.2986

0.0000

209.5128, 0.3527,
0.3006

■ 20.5309, 0.3979,
0.2698

■ 20.5309, 0.3979,
0.2698

■ 17.3811, 0.4232,
0.2616

■ 24.5689, 0.3756,
0.2801

■ 15.0473, 0.4509,
0.2568

■ 29.5535, 0.3566,
0.2914

■ 13.4514, 0.4797,
0.2565

■ 35.5417, 0.3405,
0.3030

■ 12.4979, 0.5079,
0.2615

■ 42.5852, 0.3272,
0.3144

■ 12.1096, 0.5252,
0.2667

■ 50.7321, 0.3162,
0.3252

■ 60.0274, 0.3071,
0.3354

■ 70.5137, 0.2997,
0.3448

■ 82.2314, 0.2935,
0.3535

■ 88.9348, 0.2880,
0.3515

Harmonies

Analogous

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



20.5309, 0.3096, 0.2269



20.5309, 0.3979, 0.2698



20.5309, 0.4647, 0.3257

Triad

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



20.5309, 0.3979, 0.2698



20.5309, 0.3778, 0.4852



20.5309, 0.1680, 0.2372

Complementary

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



20.5309, 0.3979, 0.2698



42.9316, 0.2703, 0.4010

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.



20.5309, 0.1802, 0.3033



20.5309, 0.3979, 0.2698



20.5309, 0.2970, 0.4716

Square

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



20.5309, 0.3979, 0.2698



20.5309, 0.4458, 0.4462



20.5309, 0.2249, 0.3960



20.5309, 0.1861, 0.2060

Rectangle

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



20.5309, 0.3979, 0.2698



20.5309, 0.4817, 0.3664



20.5309, 0.2249, 0.3960



20.5309, 0.1686, 0.2553

Sweetspot

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



20.5319, 0.3979, 0.2698



73.5825, 0.3305, 0.3114



17.5914, 0.2673, 0.1824



15.5151, 0.3332, 0.3090



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.



20.5319, 0.3979, 0.2698



30.8070, 0.4270, 0.2607



20.7458, 0.4628, 0.3385



10.1486, 0.3223, 0.3191



7.9767, 0.5219, 0.2649



0.3585, 0.4660, 0.2341

Inverse Universe

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



20.5319, 0.3979, 0.2698



30.8070, 0.4270, 0.2607



41.6416, 0.2427, 0.3184



10.1486, 0.3223, 0.3191



7.9767, 0.5219, 0.2649



0.3585, 0.4660, 0.2341

Previews

White Background



This preview shows how the Yxy color 20.5309, 0.3979, 0.2698 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 20.5309, 0.3979, 0.2698 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 20.5309, 0.3979, 0.2698

Background



This preview shows how black text looks on a background with the Yxy color 20.5309, 0.3979, 0.2698.



This preview shows how white text looks on a background with the Yxy color 20.5309, 0.3979, 0.2698.

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

20.5309, 0.3979, 0.2698

Protanopia

20.7012, 0.2723, 0.2714

Deuteranopia

20.7650, 0.3207, 0.3150



Tritanopia

20.4214, 0.4405, 0.3199

Trichromacy



Original Color

20.5309, 0.3979, 0.2698

Protanomaly

19.8693, 0.3118, 0.2685

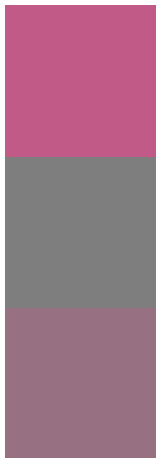
Deuteranomaly

19.9859, 0.3474, 0.2936

Tritanomaly

20.4497, 0.4245, 0.3010

Monochromacy



Original Color

20.5309, 0.3979, 0.2698

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

19.9745, 0.3427, 0.3025

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.5309, 0.3979, 0.2698 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(194, 90, 135)` looks like.

```
.text, #text, p{  
    color:rgb(194, 90, 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(194, 90, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 90, 135) }
```

Border

The CSS property to change the border of an element to Yxy 20.5309, 0.3979, 0.2698 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(194, 90, 135) }
```

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

```
.border{ border-color:rgb(194, 90, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 90, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 90, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 90, 135);  
box-shadow:4px 4px 4px 4px rgb(194, 90,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 20.5309, 0.3979, 0.2698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 90, 135) }
```

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

```
.background{ background-color: rgb(194, 90,  
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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