

Converting Colors

$Y_{xy}(19.5707, 0.4504, 0.2939)$

Have a look what the booklet for
Yxy(19.5707, 0.4504, 0.2939)
contains.

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Color

Yxy(19.5779, 0.4502, 0.2946)

Conversions

Conversions Part 1

Format	Color
Hex	C9526E
RGB	201, 82, 110
RGB Percent	79%, 32%, 43%
CMY	0.2118, 0.6784, 0.5685
CMYK	0.00, 0.59, 0.45, 0.21
HSL	346°, 52%, 55%
HSV	346°, 59%, 79%
XYZ	29.9184, 19.5779, 16.9595
YIQ	120.7730, 61.9360, 33.9360

Conversions

Conversions Part 2

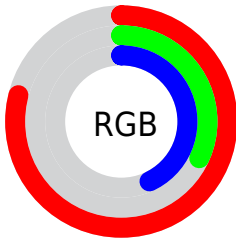
Format	Color
R_{YB}	201, 82, 110
Decimal	13193838
CIE _{Lab}	51.36, 49.79, 8.52
CIE _{LCh}	51, 50.518, 9.713
Yxy	19.5779, 0.4502, 0.2946
Android (android.graphics.Color)	4291383918 (0xFFC9526E)
YUV	120.7730, -5.3111, 70.3591
Hunter-Lab	44.2469, 43.2642, 8.2474

Details

The Yxy color **19.5779, 0.4502, 0.2946** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **46.5803, 0.2546, 0.3717**, and the grayscale version is **19.0477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.4415, 0.4133, 0.3032**, and **6.7629, 0.5053, 0.2761** is the 20% darker color. If you saturate the color by 10%, you get **16.6720, 0.4885, 0.2924**, and if you desaturate by 10%, it is **23.4315, 0.4158, 0.2991**.

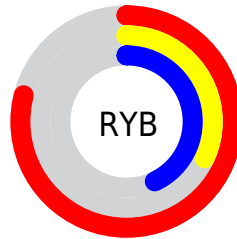
Distribution



Red (79%)

Green (32%)

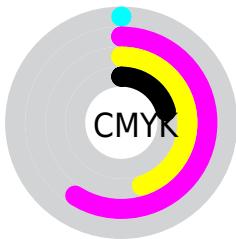
Blue (43%)



Red (79%)

Yellow (32%)

Blue (43%)

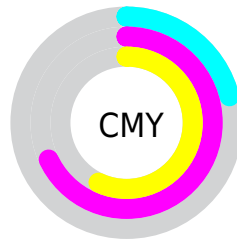


Cyan (0%)

Magenta (59%)

Yellow (45%)

Black (21%)



Cyan (21%)


Magenta (68%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.5779, 0.4502, 0.2946 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 19.5779, 0.4502, 0.2946 by changing the saturation by 10% instead.


 19.5779, 0.4502,
0.2946


 19.5779, 0.4502,
0.2946


249.6208, 0.3714,
0.3160


 12.0886, 0.4737,
0.2874


 42.7084, 0.4188,
0.3036


 6.8040, 0.5065,
0.2769


 59.1183, 0.4079,
0.3066

 3.3399, 0.5549,
0.2601

 79.2706, 0.3990,
0.3090

 1.3116, 0.6324,
0.2313

 103.5496, 0.3916,
0.3109

 0.1502, 0.9074,
0.0926

 132.3397, 0.3854,
0.3125

 0.0000, 1.0000,
0.0000


166.0254, 0.3801,


 0.0000, 0.0000,


0.3138


0.0000

204.9909, 0.3754,
0.3150


 19.5779, 0.4502,
0.2946

 19.5779, 0.4502,
0.2946

 16.6720, 0.4885,
0.2924


 23.4315, 0.4158,
0.2991


 14.6278, 0.5282,
0.2935


 28.3029, 0.3863,
0.3049


 13.3485, 0.5655,
0.2985

 34.2590, 0.3616,
0.3112

 12.6694, 0.5965,
0.3066

 41.3602, 0.3415,
0.3175

 12.6242, 0.5988,
0.3072

 49.6624, 0.3251,
0.3237

■ 59.2177, 0.3117,
0.3294

■ 70.0754, 0.3009,
0.3348

■ 82.2820, 0.2921,
0.3396

■ 90.7342, 0.2845,
0.3359

Harmonies

Analogous

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



19.5779, 0.3600, 0.2406



19.5779, 0.4502, 0.2946



19.5779, 0.4956, 0.3577

Triad

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



19.5779, 0.4502, 0.2946



19.5779, 0.3357, 0.5030



19.5779, 0.1633, 0.2071

Complementary

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



19.5779, 0.4502, 0.2946



46.5803, 0.2546, 0.3717

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.



19.5779, 0.1588, 0.2571



19.5779, 0.4502, 0.2946



19.5779, 0.2505, 0.4497

Square

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



19.5779, 0.4502, 0.2946



19.5779, 0.4195, 0.4826



19.5779, 0.1872, 0.3464



19.5779, 0.1989, 0.1919

Rectangle

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



19.5779, 0.4502, 0.2946



19.5779, 0.4916, 0.4019



19.5779, 0.1872, 0.3464



19.5779, 0.1584, 0.2195

Sweetspot

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



19.5789, 0.4502, 0.2946



72.0723, 0.3398, 0.3181



18.9387, 0.2851, 0.1776



14.6014, 0.3452, 0.3163



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.



19.5789, 0.4502, 0.2946



27.4252, 0.4996, 0.2923



24.5605, 0.4682, 0.3665



10.6772, 0.3253, 0.3236



7.9503, 0.5953, 0.3053



0.3881, 0.5347, 0.2719

Inverse Universe

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



19.5789, 0.4502, 0.2946



27.4252, 0.4996, 0.2923



35.2302, 0.2301, 0.2832



10.6772, 0.3253, 0.3236



7.9503, 0.5953, 0.3053



0.3881, 0.5347, 0.2719

Previews

White Background



This preview shows how the Yxy color 19.5779, 0.4502, 0.2946 looks on a white background.

Color Contrast Check

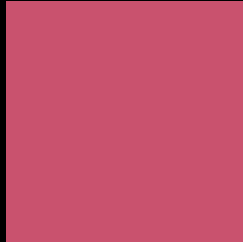
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5779, 0.4502, 0.2946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

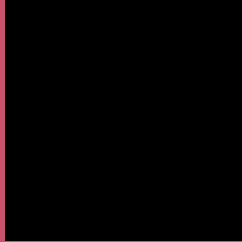
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.5779, 0.4502, 0.2946

Background



This preview shows how black text looks on a background with the Yxy color 19.5779, 0.4502, 0.2946.



This preview shows how white text looks on a background with the Yxy color 19.5779, 0.4502, 0.2946.

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

19.5779, 0.4502, 0.2946

Protanopia

19.7226, 0.3016, 0.3106

Deuteranopia

19.6191, 0.3602, 0.3541



Tritanopia

19.6903, 0.4768, 0.3234

Trichromacy



Original Color

19.5779, 0.4502, 0.2946

Protanomaly

18.5499, 0.3509, 0.3006

Deuteranomaly

18.9303, 0.3939, 0.3276

Tritanomaly

19.6582, 0.4666, 0.3133

Monochromacy



Original Color

19.5779, 0.4502, 0.2946

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.2838, 0.3593, 0.3121

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5779, 0.4502, 0.2946 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(201, 82, 110)` looks like.

```
.text, #text, p{  
    color:rgb(201, 82, 110)  
}
```

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(201, 82, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 82, 110) }
```

Border

The CSS property to change the border of an element to Yxy 19.5779, 0.4502, 0.2946 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(201, 82, 110) }
```

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

```
.border{ border-color:rgb(201, 82, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 82, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 82, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 82, 110);  
box-shadow:4px 4px 4px 4px rgb(201, 82,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5779, 0.4502, 0.2946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 82, 110) }
```

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

```
.background{ background-color: rgb(201, 82,  
110) }
```

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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