

Converting Colors

$Y_{xy}(19.5562, 0.4455, 0.3000)$

Have a look what the booklet for
Yxy(19.5562, 0.4455, 0.3000)
contains.

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Color

Yxy(19.6300, 0.4447, 0.2998)

Conversions

Conversions Part 1

Format	Color
Hex	C5566D
RGB	197, 86, 109
RGB Percent	77%, 34%, 43%
CMY	0.2274, 0.6628, 0.5724
CMYK	0.00, 0.56, 0.45, 0.23
HSL	348°, 49%, 55%
HSV	348°, 56%, 77%
XYZ	29.1176, 19.6300, 16.7294
YIQ	121.8110, 58.7730, 30.6850

Conversions

Conversions Part 2

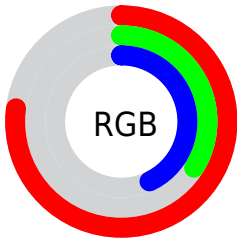
Format	Color
R _Y B	197, 86, 109
Decimal	12932717
CIE Lab	51.42, 46.47, 9.12
CIE LCh	51, 47.360, 11.097
Yxy	19.6300, 0.4447, 0.2998
Android (android.graphics.Color)	4291122797 (0xFFC5566D)
YUV	121.8110, -6.3158, 65.9408
Hunter-Lab	44.3058, 39.7746, 8.6268

Details

The Yxy color **19.6300, 0.4447, 0.2998** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **44.9715, 0.2547, 0.3642**, and the grayscale version is **19.4042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2633, 0.4132, 0.3074**, and **6.8167, 0.4990, 0.2833** is the 20% darker color. If you saturate the color by 10%, you get **16.6002, 0.4835, 0.2974**, and if you desaturate by 10%, it is **23.5885, 0.4103, 0.3041**.

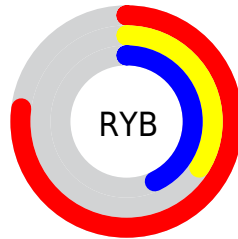
Distribution



Red (77%)

Green (34%)

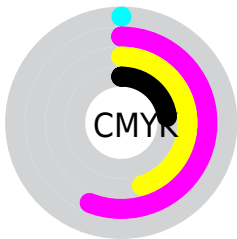
Blue (43%)



Red (77%)

Yellow (34%)

Blue (43%)

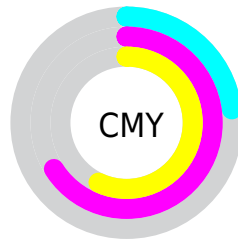


Cyan (0%)

Magenta (56%)

Yellow (45%)

Black (23%)



Cyan (23%)


Magenta (66%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.6300, 0.4447, 0.2998 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 19.6300, 0.4447, 0.2998 by changing the saturation by 10% instead.


 19.6300, 0.4447,
0.2998


 19.6300, 0.4447,
0.2998


249.9050, 0.3690,
0.3182


 12.1264, 0.4674,
0.2935


 42.7960, 0.4145,
0.3077

 6.8298, 0.4991,
0.2840


 59.2271, 0.4040,
0.3102

 3.3559, 0.5460,
0.2687

 79.4029, 0.3955,
0.3123

 1.3202, 0.6224,
0.2421

 103.7077, 0.3884,
0.3139

 0.1568, 0.8970,
0.1030

132.5259, 0.3824,
0.3153

 0.0000, 1.0000,
0.0000

166.2419, 0.3773,

 0.0000, 0.0000,

0.3164

0.0000

205.2402, 0.3728,
0.3174

■ 19.6300, 0.4447,
0.2998

■ 19.6300, 0.4447,
0.2998

■ 16.6002, 0.4835,
0.2974

■ 23.5885, 0.4103,
0.3041

■ 14.4196, 0.5244,
0.2977

■ 28.5403, 0.3811,
0.3093

■ 13.0006, 0.5636,
0.3016

■ 34.5480, 0.3569,
0.3149

■ 12.2298, 0.5962,
0.3088

■ 41.6679, 0.3372,
0.3205

■ 12.0312, 0.6064,
0.3114

■ 49.9524, 0.3212,
0.3258

■ 59.4507, 0.3083,
0.3308

■ 70.2090, 0.2978,
0.3353

■ 82.2712, 0.2893,
0.3395

■ 90.2660, 0.2817,
0.3347

Harmonies

Analogous

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



19.6300, 0.3617, 0.2475



19.6300, 0.4447, 0.2998



19.6300, 0.4852, 0.3606

Triad

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



19.6300, 0.4447, 0.2998



19.6300, 0.3318, 0.4905



19.6300, 0.1717, 0.2126

Complementary

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



19.6300, 0.4447, 0.2998



44.9715, 0.2547, 0.3642

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.



19.6300, 0.1662, 0.2590



19.6300, 0.4447, 0.2998



19.6300, 0.2515, 0.4372

Square

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



19.6300, 0.4447, 0.2998



19.6300, 0.4115, 0.4764



19.6300, 0.1924, 0.3414



19.6300, 0.2073, 0.1988

Rectangle

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



19.6300, 0.4447, 0.2998



19.6300, 0.4805, 0.4027



19.6300, 0.1924, 0.3414



19.6300, 0.1665, 0.2241

Sweetspot

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



19.6310, 0.4447, 0.2998



73.3737, 0.3389, 0.3200



19.5656, 0.2912, 0.1860



15.1209, 0.3426, 0.3189



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.



19.6310, 0.4447, 0.2998



28.5324, 0.4944, 0.2972



25.3710, 0.4540, 0.3701



10.6723, 0.3257, 0.3242



7.9223, 0.6035, 0.3098



0.3859, 0.5448, 0.2775

Inverse Universe

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



19.6310, 0.4447, 0.2998



28.5324, 0.4944, 0.2972



33.1214, 0.2321, 0.2798



10.6723, 0.3257, 0.3242



7.9223, 0.6035, 0.3098



0.3859, 0.5448, 0.2775

Previews

White Background



This preview shows how the Yxy color 19.6300, 0.4447, 0.2998 looks on a white background.

Color Contrast Check

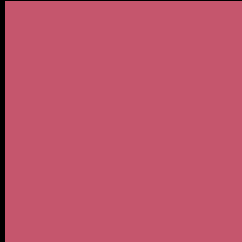
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6300, 0.4447, 0.2998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

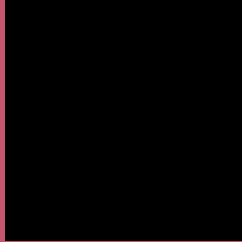
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.6300, 0.4447, 0.2998

Background



This preview shows how black text looks on a background with the Yxy color 19.6300, 0.4447, 0.2998.



This preview shows how white text looks on a background with the Yxy color 19.6300, 0.4447, 0.2998.

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

19.6300, 0.4447, 0.2998

Protanopia

19.7891, 0.3073, 0.3161

Deuteranopia

19.7071, 0.3616, 0.3539



Tritanopia

19.7067, 0.4638, 0.3218

Trichromacy



Original Color

19.6300, 0.4447, 0.2998

Protanomaly

18.9217, 0.3531, 0.3072

Deuteranomaly

19.0301, 0.3920, 0.3292

Tritanomaly

19.6353, 0.4566, 0.3140

Monochromacy



Original Color

19.6300, 0.4447, 0.2998

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.6112, 0.3572, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6300, 0.4447, 0.2998 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(197, 86, 109)` looks like.

```
.text, #text, p{  
    color:rgb(197, 86, 109)  
}
```

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(197, 86, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 86, 109) }
```

Border

The CSS property to change the border of an element to Yxy 19.6300, 0.4447, 0.2998 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(197, 86, 109) }
```

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

```
.border{ border-color:rgb(197, 86, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 86, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 86, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 86, 109);  
box-shadow:4px 4px 4px 4px rgb(197, 86,  
109) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 19.6300, 0.4447, 0.2998$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 86, 109) }
```

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

```
.background{ background-color: rgb(197, 86,  
109) }
```

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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