

Converting Colors

$Y_{xy}(19.4008, 0.4533, 0.2812)$

Have a look what the booklet for
Yxy(19.4008, 0.4533, 0.2812)
contains.

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Color

Yxy(19.4008, 0.4533, 0.2812)

Conversions

Conversions Part 1

Format	Color
Hex	CF4A73
RGB	207, 74, 115
RGB Percent	81%, 29%, 45%
CMY	0.1883, 0.7098, 0.5490
CMYK	0.00, 0.64, 0.44, 0.19
HSL	342°, 58%, 55%
HSV	342°, 64%, 81%
XYZ	31.2745, 19.4008, 18.3176
YIQ	118.4410, 66.1070, 40.9470

Conversions

Conversions Part 2

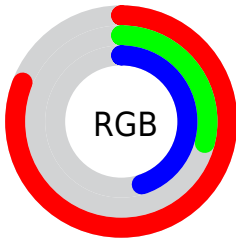
Format	Color
R_{YB}	207, 74, 115
Decimal	13585011
CIE _{Lab}	51.15, 55.73, 5.37
CIE _{LCh}	51, 55.993, 5.507
Yxy	19.4008, 0.4533, 0.2812
Android (android.graphics.Color)	4291775091 (0xFFCF4A73)
YUV	118.4410, -1.6964, 77.6662
Hunter-Lab	44.0463, 49.6603, 6.1754

Details

The Yxy color **19.4008, 0.4533, 0.2812** 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 **48.8324, 0.2568, 0.3917**, and the grayscale version is **18.2540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.7505, 0.4090, 0.2900**, and **6.7446, 0.5114, 0.2603** is the 20% darker color. If you saturate the color by 10%, you get **16.7729, 0.4888, 0.2793**, and if you desaturate by 10%, it is **22.9910, 0.4206, 0.2863**.

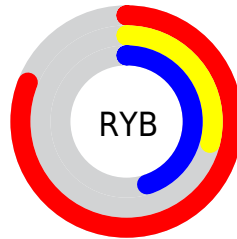
Distribution



Red (81%)

Green (29%)

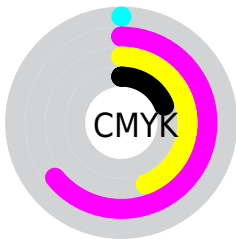
Blue (45%)



Red (81%)

Yellow (29%)

Blue (45%)

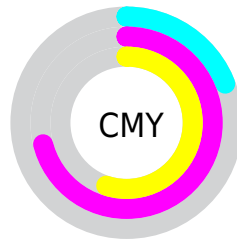


Cyan (0%)

Magenta (64%)

Yellow (44%)

Black (19%)



Cyan (19%)


Magenta (71%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.4008, 0.4533, 0.2812 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 19.4008, 0.4533, 0.2812 by changing the saturation by 10% instead.


 19.4008, 0.4533,
0.2812


 19.4008, 0.4533,
0.2812


248.6526, 0.3730,
0.3096

 11.9602, 0.4772,
0.2723


 42.4103, 0.4214,
0.2928


 6.7166, 0.5103,
0.2595


 58.7480, 0.4103,
0.2967

 3.2855, 0.5590,
0.2401

 78.8202, 0.4012,
0.2999

 1.2825, 0.6353,
0.2078

 103.0113, 0.3937,
0.3025

 0.1276, 0.9285,
0.0715

 131.7057, 0.3873,
0.3047

 0.0000, 1.0000,
0.0000

165.2878, 0.3818,

 0.0000, 0.0000,

0.3066

0.0000

204.1419, 0.3771,
0.3082

■ 19.4008, 0.4533,
0.2812

■ 19.4008, 0.4533,
0.2812

■ 16.7729, 0.4888,
0.2793

■ 22.9910, 0.4206,
0.2863

■ 15.0088, 0.5248,
0.2817

■ 27.6230, 0.3920,
0.2933

■ 13.9940, 0.5580,
0.2889

■ 33.3717, 0.3678,
0.3014

■ 13.6325, 0.5752,
0.2942

■ 40.3040, 0.3476,
0.3098

■ 48.4816, 0.3311,
0.3180

■ 57.9620, 0.3177,
0.3258

■ 68.7988, 0.3067,
0.3331

■ 81.0429, 0.2977,
0.3398

■ 91.3085, 0.2902,
0.3406

Harmonies

Analogous

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



19.4008, 0.3490, 0.2257



19.4008, 0.4533, 0.2812



19.4008, 0.5120, 0.3474

Triad

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



19.4008, 0.4533, 0.2812



19.4008, 0.3485, 0.5243



19.4008, 0.1482, 0.2003

Complementary

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



19.4008, 0.4533, 0.2812



48.8324, 0.2568, 0.3917

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.



19.4008, 0.1474, 0.2593



19.4008, 0.4533, 0.2812



19.4008, 0.2546, 0.4789

Square

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



19.4008, 0.4533, 0.2812



19.4008, 0.4382, 0.4877



19.4008, 0.1821, 0.3639



19.4008, 0.1812, 0.1804

Rectangle

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



19.4008, 0.4533, 0.2812



19.4008, 0.5121, 0.3945



19.4008, 0.1821, 0.3639



19.4008, 0.1443, 0.2151

Sweetspot

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



19.4019, 0.4533, 0.2812



70.9143, 0.3390, 0.3140



17.3909, 0.2718, 0.1619



14.3847, 0.3439, 0.3116



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.



19.4019, 0.4533, 0.2812



25.6882, 0.5022, 0.2797



22.5683, 0.4970, 0.3575



11.8674, 0.3243, 0.3219



8.6046, 0.5716, 0.2923



0.4953, 0.5187, 0.2631

Inverse Universe

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



19.4019, 0.4533, 0.2812



25.6882, 0.5022, 0.2797



39.6692, 0.2281, 0.2924



11.8674, 0.3243, 0.3219



8.6046, 0.5716, 0.2923



0.4953, 0.5187, 0.2631

Previews

White Background



This preview shows how the Yxy color 19.4008, 0.4533, 0.2812 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 19.4008, 0.4533, 0.2812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

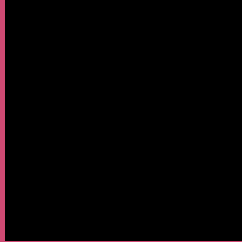
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.4008, 0.4533, 0.2812

Background



This preview shows how black text looks on a background with the Yxy color 19.4008, 0.4533, 0.2812.



This preview shows how white text looks on a background with the Yxy color 19.4008, 0.4533, 0.2812.

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

19.4008, 0.4533, 0.2812

Protanopia

19.5497, 0.2875, 0.2908

Deuteranopia

19.5500, 0.3512, 0.3452



Tritanopia

19.3723, 0.4962, 0.3238

Trichromacy



Original Color

19.4008, 0.4533, 0.2812

Protanomaly

18.1459, 0.3408, 0.2826

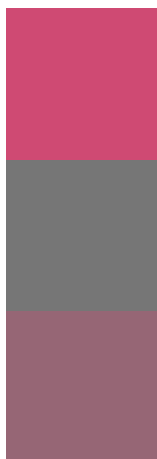
Deuteranomaly

18.5430, 0.3894, 0.3149

Tritanomaly

19.4151, 0.4814, 0.3086

Monochromacy



Original Color

19.4008, 0.4533, 0.2812

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.2711, 0.3610, 0.3036

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4008, 0.4533, 0.2812 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(207, 74, 115)` looks like.

```
.text, #text, p{  
    color:rgb(207, 74, 115)  
}
```

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(207, 74, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 74, 115) }
```

Border

The CSS property to change the border of an element to Yxy 19.4008, 0.4533, 0.2812 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(207, 74, 115) }
```

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

```
.border{ border-color:rgb(207, 74, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 74, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 74, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 74, 115); box-shadow:4px 4px 4px 4px rgb(207, 74, 115) }
```


Background

The CSS property to change the background color of an element to Yxy 19.4008, 0.4533, 0.2812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 74, 115) }
```

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

```
.background{ background-color: rgb(207, 74,  
115) }
```

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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