

Converting Colors

$Y_{xy}(19.8773, 0.4672, 0.2988)$

Have a look what the booklet for
Yxy(19.8773, 0.4672, 0.2988)
contains.

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Color

Yxy(19.8773, 0.4672, 0.2988)

Conversions

Conversions Part 1

Format	Color
Hex	CF4F69
RGB	207, 79, 105
RGB Percent	81%, 31%, 41%
CMY	0.1882, 0.6902, 0.5882
CMYK	0.00, 0.62, 0.49, 0.19
HSL	348°, 57%, 56%
HSV	348°, 62%, 81%
XYZ	31.0799, 19.8773, 15.5666
YIQ	120.2360, 67.9420, 35.2220

Conversions

Conversions Part 2

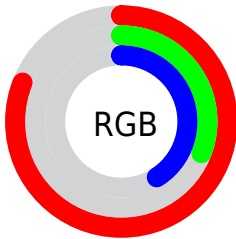
Format	Color
R_{YB}	207, 79, 105
Decimal	13586281
CIE _{Lab}	51.70, 52.67, 12.14
CIE _{LCh}	52, 54.048, 12.983
Yxy	19.8773, 0.4672, 0.2988
Android (android.graphics.Color)	4291776361 (0xFFCF4F69)
YUV	120.2360, -7.5113, 76.0920
Hunter-Lab	44.5840, 46.4121, 10.5076

Details

The Yxy color **19.8773, 0.4672, 0.2988** 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 **49.6271, 0.2509, 0.3676**, and the grayscale version is **18.8706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.7105, 0.4198, 0.3064**, and **7.0023, 0.5305, 0.2819** is the 20% darker color. If you saturate the color by 10%, you get **17.0359, 0.5079, 0.2979**, and if you desaturate by 10%, it is **23.7162, 0.4298, 0.3021**.

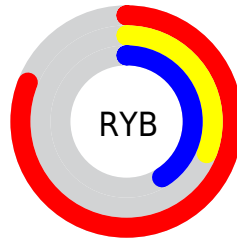
Distribution



Red (81%)

Green (31%)

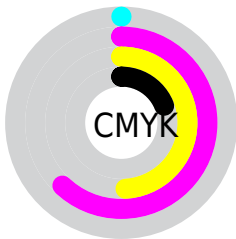
Blue (41%)



Red (81%)

Yellow (31%)

Blue (41%)

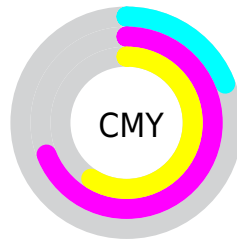


Cyan (0%)

Magenta (62%)

Yellow (49%)

Black (19%)



Cyan (19%)


Magenta (69%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.8773, 0.4672, 0.2988 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 19.8773, 0.4672, 0.2988 by changing the saturation by 10% instead.


 19.8773, 0.4672,
0.2988


 19.8773, 0.4672,
0.2988


251.2501, 0.3789,
0.3186


 12.3059, 0.4934,
0.2917


 43.2114, 0.4322,
0.3074


 6.9524, 0.5295,
0.2810


 59.7428, 0.4199,
0.3102

 3.4323, 0.5819,
0.2637

 80.0297, 0.4099,
0.3124

 1.3614, 0.6683,
0.2349

 104.4565, 0.4016,
0.3142

 0.1880, 0.8966,
0.1034

 133.4075, 0.3946,
0.3156

 0.0000, 1.0000,
0.0000

167.2672, 0.3886,

 0.0000, 0.0000,

0.3168

0.0000

206.4199, 0.3834,
0.3178

■ 19.8773, 0.4672,
0.2988

■ 19.8773, 0.4672,
0.2988

■ 17.0359, 0.5079,
0.2979

■ 23.7162, 0.4298,
0.3021

■ 15.0952, 0.5487,
0.3003

■ 28.6308, 0.3974,
0.3068

■ 13.9450, 0.5848,
0.3061

■ 34.6955, 0.3702,
0.3121

■ 13.4340, 0.6082,
0.3124

■ 41.9771, 0.3479,
0.3177

■ 50.5370, 0.3297,
0.3230

■ 60.4327, 0.3151,
0.3281

■ 71.7182, 0.3032,
0.3328

■ 84.4444, 0.2936,
0.3371

■ 91.9074, 0.2852,
0.3305

Harmonies

Analogous

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



19.8773, 0.3741, 0.2413



19.8773, 0.4672, 0.2988



19.8773, 0.5078, 0.3649

Triad

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



19.8773, 0.4672, 0.2988



19.8773, 0.3253, 0.5131



19.8773, 0.1585, 0.1971

Complementary

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



19.8773, 0.4672, 0.2988



49.6271, 0.2509, 0.3676

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.



19.8773, 0.1500, 0.2443



19.8773, 0.4672, 0.2988



19.8773, 0.2372, 0.4478

Square

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



19.8773, 0.4672, 0.2988



19.8773, 0.4149, 0.4959



19.8773, 0.1751, 0.3346



19.8773, 0.1988, 0.1851

Rectangle

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



19.8773, 0.4672, 0.2988



19.8773, 0.4980, 0.4112



19.8773, 0.1751, 0.3346



19.8773, 0.1522, 0.2084

Sweetspot

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



19.8784, 0.4672, 0.2988



70.6463, 0.3428, 0.3191



19.7133, 0.2881, 0.1736



14.3209, 0.3484, 0.3175



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.



19.8784, 0.4672, 0.2988



26.2043, 0.5206, 0.2983



26.1535, 0.4748, 0.3728



11.8470, 0.3259, 0.3243



8.4745, 0.6051, 0.3107



0.4855, 0.5538, 0.2824

Inverse Universe

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



19.8784, 0.4672, 0.2988



26.2043, 0.5206, 0.2983



35.1945, 0.2257, 0.2739



11.8470, 0.3259, 0.3243



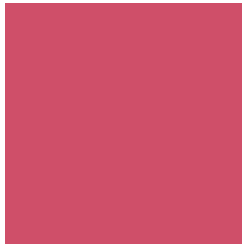
8.4745, 0.6051, 0.3107



0.4855, 0.5538, 0.2824

Previews

White Background



This preview shows how the Yxy color 19.8773, 0.4672, 0.2988 looks on a white background.

Color Contrast Check

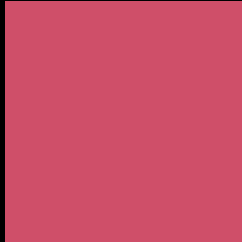
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.8773, 0.4672, 0.2988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

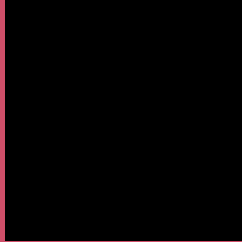
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.8773, 0.4672, 0.2988

Background



This preview shows how black text looks on a background with the Yxy color 19.8773, 0.4672, 0.2988.



This preview shows how white text looks on a background with the Yxy color 19.8773, 0.4672, 0.2988.

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

19.8773, 0.4672, 0.2988

Protanopia

20.0844, 0.3095, 0.3198

Deuteranopia

20.0238, 0.3702, 0.3643



Tritanopia

19.8445, 0.4926, 0.3238

Trichromacy



Original Color

19.8773, 0.4672, 0.2988

Protanomaly

18.8400, 0.3619, 0.3076

Deuteranomaly

19.0557, 0.4072, 0.3340

Tritanomaly

19.8148, 0.4825, 0.3143

Monochromacy



Original Color

19.8773, 0.4672, 0.2988

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.0164, 0.3656, 0.3123

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.8773, 0.4672, 0.2988 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, 79, 105)` looks like.

```
.text, #text, p{  
    color:rgb(207, 79, 105)  
}
```

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, 79, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 79, 105) }
```

Border

The CSS property to change the border of an element to Yxy 19.8773, 0.4672, 0.2988 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, 79, 105) }
```

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

```
.border{ border-color:rgb(207, 79, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 79, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 79, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 79, 105);  
box-shadow:4px 4px 4px 4px rgb(207, 79,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 19.8773, 0.4672, 0.2988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 79, 105) }
```

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

```
.background{ background-color: rgb(207, 79,  
105) }
```

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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