

Converting Colors

$Yxy(19.7164, 0.4961, 0.2864)$

Have a look what the booklet for
Yxy(19.7164, 0.4961, 0.2864)
contains.

Yxy(19.7608, 0.4955, 0.2859)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.7608, 0.4955, 0.2859)

Conversions

Conversions Part 1

Format	Color
Hex	DE3C68
RGB	222, 60, 104
RGB Percent	87%, 24%, 41%
CMY	0.1293, 0.7649, 0.5921
CMYK	0.00, 0.73, 0.53, 0.13
HSL	344°, 71%, 55%
HSV	344°, 73%, 87%
XYZ	34.2479, 19.7608, 15.1092
YIQ	113.4540, 82.4280, 48.0280

Conversions

Conversions Part 2

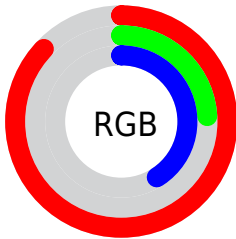
Format	Color
RYB	222, 60, 104
Decimal	14564456
CIELab	51.57, 64.57, 12.95
CIElCh	52, 65.851, 11.341
Yxy	19.7608, 0.4955, 0.2859
Android (android.graphics.Color)	4292754536 (0xFFDE3C68)
YUV	113.4540, -4.6608, 95.1948
Hunter-Lab	44.4531, 59.7283, 10.9651

Details

The Yxy color **19.7608, 0.4955, 0.2859** 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 **56.4351, 0.2509, 0.3931**, and the grayscale version is **16.6459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.8202, 0.4271, 0.2926**, and **7.8725, 0.5536, 0.2823** is the 20% darker color. If you saturate the color by 10%, you get **17.6077, 0.5335, 0.2883**, and if you desaturate by 10%, it is **22.9541, 0.4579, 0.2875**.

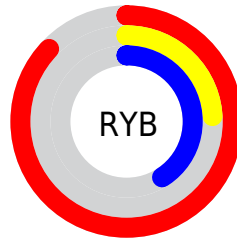
Distribution



Red (87%)

Green (24%)

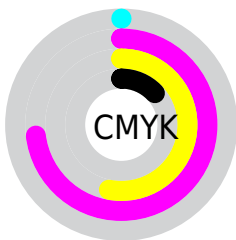
Blue (41%)



Red (87%)

Yellow (24%)

Blue (41%)

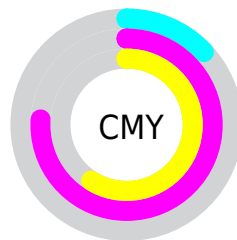


Cyan (0%)

Magenta (73%)

Yellow (53%)

Black (13%)



Cyan (13%)

Magenta (76%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.7608, 0.4955, 0.2859 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 19.7608, 0.4955, 0.2859 by changing the saturation by 10% instead.


 19.7608, 0.4955,
0.2859


 19.7608, 0.4955,
0.2859


250.6172, 0.3914,
0.3136

 12.2213, 0.5258,
0.2764


 43.0158, 0.4545,
0.2978


 6.8946, 0.5670,
0.2624


 59.5000, 0.4401,
0.3016


 3.3963, 0.6255,
0.2405

 79.7347, 0.4283,
0.3047

 1.3419, 0.7192,
0.2058

 104.1041, 0.4184,
0.3072

 0.1733, 0.9237,
0.0763

 132.9926, 0.4101,
0.3092

 0.0000, 1.0000,
0.0000

166.7848, 0.4030,

 0.0000, 0.0000,

0.3109

0.0000

205.8648, 0.3968,
0.3124

■ 19.7608, 0.4955,
0.2859

■ 19.7608, 0.4955,
0.2859

■ 17.6077, 0.5335,
0.2883

■ 22.9541, 0.4579,
0.2875

■ 16.3564, 0.5681,
0.2952


■ 27.2961, 0.4235,
0.2920

■ 15.8656, 0.5888,
0.3017

■ 32.8856, 0.3934,
0.2983

■ 39.8094, 0.3681,
0.3055

■ 48.1468, 0.3473,
0.3129

 57.9706, 0.3302,
0.3202

 69.3487, 0.3163,
0.3270

 82.3449, 0.3051,
0.3334

 93.9279, 0.2958,
0.3345

Harmonies

Analogous

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



19.7608, 0.3786, 0.2225



19.7608, 0.4955, 0.2859



19.7608, 0.5454, 0.3585

Triad

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



19.7608, 0.4955, 0.2859



19.7608, 0.3263, 0.5578



19.7608, 0.1331, 0.1754

Complementary

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



19.7608, 0.4955, 0.2859



56.4351, 0.2509, 0.3931

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.



19.7608, 0.1246, 0.2291



19.7608, 0.4955, 0.2859



19.7608, 0.2239, 0.4855

Square

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



19.7608, 0.4955, 0.2859



19.7608, 0.4306, 0.5193



19.7608, 0.1523, 0.3399



19.7608, 0.1755, 0.1620

Rectangle

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



19.7608, 0.4955, 0.2859



19.7608, 0.5319, 0.4109



19.7608, 0.1523, 0.3399



19.7608, 0.1266, 0.1880

Sweetspot

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



19.7619, 0.4955, 0.2859



66.9236, 0.3457, 0.3135



17.7459, 0.2698, 0.1463



13.6049, 0.3509, 0.3115



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.



19.7619, 0.4955, 0.2859



22.9849, 0.5538, 0.2917



24.0584, 0.5297, 0.3636



13.7614, 0.3249, 0.3226



9.4363, 0.5851, 0.2997



0.6689, 0.5409, 0.2753

Inverse Universe

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



19.7619, 0.4955, 0.2859



22.9849, 0.5538, 0.2917



41.7414, 0.2187, 0.2783



13.7614, 0.3249, 0.3226



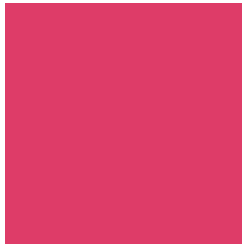
9.4363, 0.5851, 0.2997



0.6689, 0.5409, 0.2753

Previews

White Background



This preview shows how the Yxy color 19.7608, 0.4955, 0.2859 looks on a white background.

Color Contrast Check

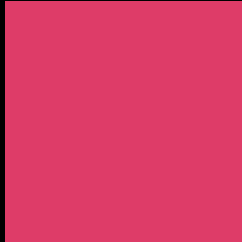
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7608, 0.4955, 0.2859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

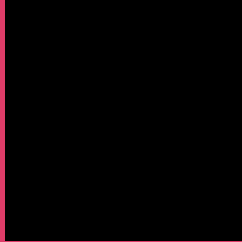
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.7608, 0.4955, 0.2859

Background



This preview shows how black text looks on a background with the Yxy color 19.7608, 0.4955, 0.2859.

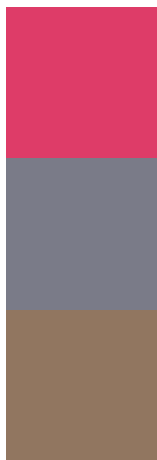


This preview shows how white text looks on a background with the Yxy color 19.7608, 0.4955, 0.2859.

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

19.7608, 0.4955, 0.2859

Protanopia

20.0811, 0.2973, 0.3053

Deuteranopia

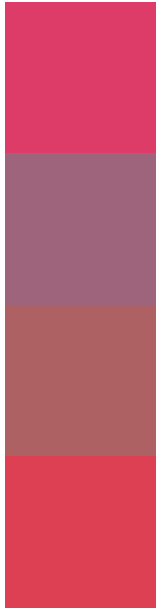
19.8211, 0.3759, 0.3677



Tritanopia

19.6849, 0.5409, 0.3260

Trichromacy



Original Color

19.7608, 0.4955, 0.2859

Protanomaly

17.8387, 0.3627, 0.2902

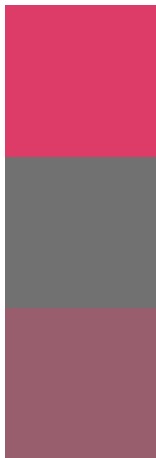
Deuteranomaly

18.3345, 0.4229, 0.3263

Tritanomaly

19.6635, 0.5263, 0.3116

Monochromacy



Original Color

19.7608, 0.4955, 0.2859

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

15.9035, 0.3792, 0.3022

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.7608, 0.4955, 0.2859 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(222, 60, 104)` looks like.

```
.text, #text, p{  
    color:rgb(222, 60, 104)  
}
```

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(222, 60, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 60, 104) }
```

Border

The CSS property to change the border of an element to Yxy 19.7608, 0.4955, 0.2859 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(222, 60, 104) }
```

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

```
.border{ border-color:rgb(222, 60, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 60, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 60, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 60, 104);  
box-shadow:4px 4px 4px 4px rgb(222, 60,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 19.7608, 0.4955, 0.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 60, 104) }
```

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

```
.background{ background-color: rgb(222, 60,  
104) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor