

Converting Colors

$Yxy(19.7655, 0.4923, 0.2834)$

Have a look what the booklet for
Yxy(19.7655, 0.4923, 0.2834)
contains.

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Color

Yxy(19.8019, 0.4921, 0.2837)

Conversions

Conversions Part 1

Format	Color
Hex	DE3C6A
RGB	222, 60, 106
RGB Percent	87%, 24%, 42%
CMY	0.1293, 0.7648, 0.5843
CMYK	0.00, 0.73, 0.52, 0.13
HSL	343°, 71%, 55%
HSV	343°, 73%, 87%
XYZ	34.3480, 19.8019, 15.6489
YIQ	113.6820, 81.7860, 48.6500

Conversions

Conversions Part 2

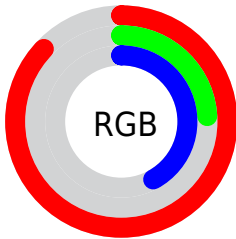
Format	Color
R_{YB}	222, 60, 106
Decimal	14564458
CIE _{Lab}	51.61, 64.71, 11.81
CIE _{LCh}	52, 65.779, 10.344
Yxy	19.8019, 0.4921, 0.2837
Android (android.graphics.Color)	4292754538 (0xFFDE3C6A)
YUV	113.6820, -3.7872, 94.9949
Hunter-Lab	44.4993, 59.9060, 10.2993

Details

The Yxy color **19.8019, 0.4921, 0.2837** 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 **56.3507, 0.2519, 0.3962**, and the grayscale version is **16.7169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.8880, 0.4246, 0.2905**, and **7.8928, 0.5487, 0.2796** is the 20% darker color. If you saturate the color by 10%, you get **17.6452, 0.5295, 0.2860**, and if you desaturate by 10%, it is **22.9970, 0.4552, 0.2855**.

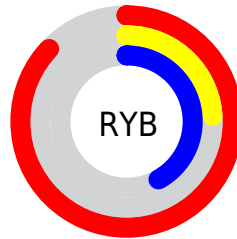
Distribution



Red (87%)

Green (24%)

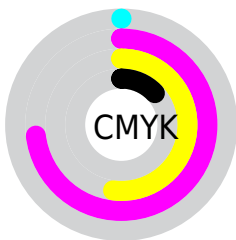
Blue (42%)



Red (87%)

Yellow (24%)

Blue (42%)

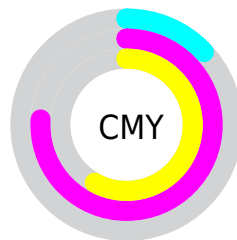


Cyan (0%)

Magenta (73%)

Yellow (52%)

Black (13%)



Cyan (13%)


Magenta (76%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.8019, 0.4921, 0.2837 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 19.8019, 0.4921, 0.2837 by changing the saturation by 10% instead.


 19.8019, 0.4921,
0.2837

 19.8019, 0.4921,
0.2837


250.8407, 0.3900,
0.3123


 12.2511, 0.5218,
0.2741


 43.0848, 0.4519,
0.2958


 6.9149, 0.5623,
0.2600


 59.5857, 0.4377,
0.2998


 3.4090, 0.6200,
0.2382

 79.8388, 0.4261,
0.3030

 1.3488, 0.7104,
0.2032

 104.2285, 0.4165,
0.3056

 0.1785, 0.9222,
0.0778

 133.1391, 0.4083,
0.3077

 0.0000, 1.0000,
0.0000

166.9551, 0.4013,

 0.0000, 0.0000,

0.3095

0.0000

206.0608, 0.3953,
0.3110

■ 19.8019, 0.4921,
0.2837

■ 19.8019, 0.4921,
0.2837

■ 17.6452, 0.5295,
0.2860

■ 22.9970, 0.4552,
0.2855

■ 16.3889, 0.5639,
0.2929


■ 27.3391, 0.4214,
0.2903


■ 15.8935, 0.5847,
0.2995

■ 32.9264, 0.3920,
0.2969

■ 39.8458, 0.3672,
0.3044

■ 48.1763, 0.3467,
0.3122

 57.9906, 0.3299,
0.3198

 69.3565, 0.3163,
0.3269

 82.3376, 0.3052,
0.3336

 93.8974, 0.2961,
0.3350

Harmonies

Analogous

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



19.8019, 0.3742, 0.2208



19.8019, 0.4921, 0.2837



19.8019, 0.5448, 0.3560

Triad

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



19.8019, 0.4921, 0.2837



19.8019, 0.3300, 0.5576



19.8019, 0.1325, 0.1767

Complementary

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



19.8019, 0.4921, 0.2837



56.3507, 0.2519, 0.3962

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.



19.8019, 0.1252, 0.2320



19.8019, 0.4921, 0.2837



19.8019, 0.2271, 0.4894

Square

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



19.8019, 0.4921, 0.2837



19.8019, 0.4338, 0.5167



19.8019, 0.1542, 0.3446



19.8019, 0.1737, 0.1622

Rectangle

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



19.8019, 0.4921, 0.2837



19.8019, 0.5330, 0.4082



19.8019, 0.1542, 0.3446



19.8019, 0.1264, 0.1897

Sweetspot

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



19.8030, 0.4921, 0.2837



66.9587, 0.3452, 0.3128



17.4348, 0.2669, 0.1449



13.6131, 0.3503, 0.3107



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.



19.8030, 0.4921, 0.2837



23.0336, 0.5497, 0.2894



23.5802, 0.5324, 0.3607



13.7642, 0.3248, 0.3224



9.4544, 0.5810, 0.2974



0.6704, 0.5367, 0.2730

Inverse Universe

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



19.8030, 0.4921, 0.2837



23.0336, 0.5497, 0.2894



42.8955, 0.2197, 0.2824



13.7642, 0.3248, 0.3224



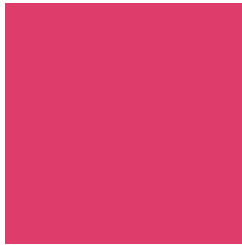
9.4544, 0.5810, 0.2974



0.6704, 0.5367, 0.2730

Previews

White Background



This preview shows how the Yxy color 19.8019, 0.4921, 0.2837 looks on a white background.

Color Contrast Check

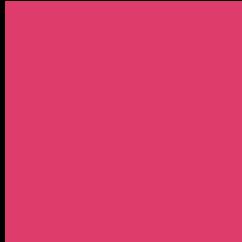
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.8019, 0.4921, 0.2837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

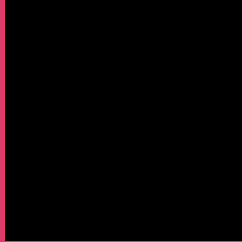
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.8019, 0.4921, 0.2837

Background



This preview shows how black text looks on a background with the Yxy color 19.8019, 0.4921, 0.2837.

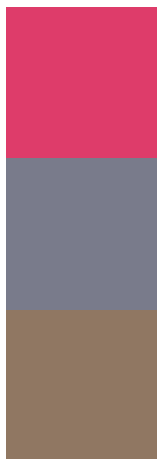


This preview shows how white text looks on a background with the Yxy color 19.8019, 0.4921, 0.2837.

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

19.8019, 0.4921, 0.2837

Protanopia

20.0949, 0.2930, 0.3000

Deuteranopia

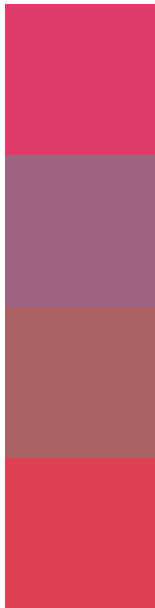
20.0048, 0.3715, 0.3660



Tritanopia

19.8048, 0.5401, 0.3269

Trichromacy



Original Color

19.8019, 0.4921, 0.2837

Protanomaly

17.9157, 0.3583, 0.2855

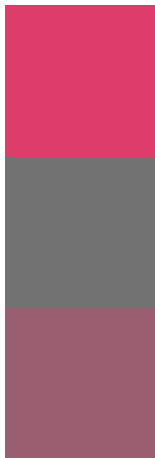
Deuteranomaly

18.4456, 0.4178, 0.3248

Tritanomaly

19.7928, 0.5241, 0.3114

Monochromacy



Original Color

19.8019, 0.4921, 0.2837

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

15.9254, 0.3776, 0.3005

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.8019, 0.4921, 0.2837 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, 106)` looks like.

```
.text, #text, p{  
    color:rgb(222, 60, 106)  
}
```

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, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 60, 106) }
```

Border

The CSS property to change the border of an element to Yxy 19.8019, 0.4921, 0.2837 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, 106) }
```

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

```
.border{ border-color:rgb(222, 60, 106) }
```

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, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 60, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 60, 106);  
box-shadow:4px 4px 4px 4px rgb(222, 60,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 19.8019, 0.4921, 0.2837 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, 106) }
```

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

```
.background{ background-color: rgb(222, 60,  
106) }
```

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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