

Converting Colors

$Y_{xy}(19.2737, 0.4457, 0.2629)$

Have a look what the booklet for
Yxy(19.2737, 0.4457, 0.2629)
contains.

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Color

Yxy(19.3741, 0.4457, 0.2633)

Conversions

Conversions Part 1

Format	Color
Hex	D4427D
RGB	212, 66, 125
RGB Percent	83%, 26%, 49%
CMY	0.1687, 0.7410, 0.5098
CMYK	0.00, 0.69, 0.41, 0.17
HSL	336°, 63%, 55%
HSV	336°, 69%, 83%
XYZ	32.7954, 19.3741, 21.4123
YIQ	116.3800, 68.0770, 49.3010

Conversions

Conversions Part 2

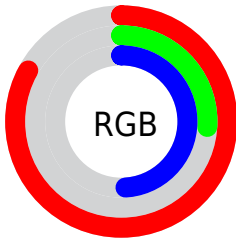
Format	Color
R_{YB}	212, 66, 125
Decimal	13910653
CIE Lab	51.12, 61.37, -0.58
CIE LCh	51, 61.378, 359.461
Yxy	19.3741, 0.4457, 0.2633
Android (android.graphics.Color)	4292100733 (0xFFD4427D)
YUV	116.3800, 4.2497, 83.8587
Hunter-Lab	44.0160, 55.9686, 1.9686

Details

The Yxy color **19.3741, 0.4457, 0.2633** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **50.5339, 0.2621, 0.4200**, and the grayscale version is **17.5639, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.6002, 0.3992, 0.2739**, and **7.1972, 0.4928, 0.2488** is the 20% darker color. If you saturate the color by 10%, you get **17.0361, 0.4762, 0.2615**, and if you desaturate by 10%, it is **22.6728, 0.4171, 0.2692**.

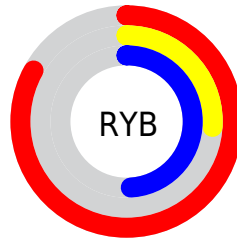
Distribution



Red (83%)

Green (26%)

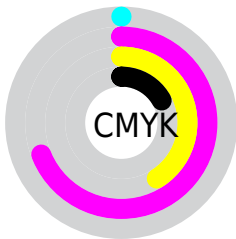
Blue (49%)



Red (83%)

Yellow (26%)

Blue (49%)

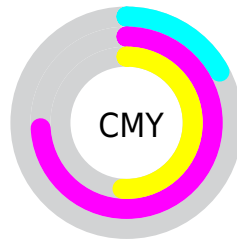


Cyan (0%)

Magenta (69%)

Yellow (41%)

Black (17%)



Cyan (17%)


Magenta (74%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3741, 0.4457, 0.2633 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 19.3741, 0.4457, 0.2633 by changing the saturation by 10% instead.


 19.3741, 0.4457,
0.2633


 19.3741, 0.4457,
0.2633


248.5063, 0.3704,
0.3004


 11.9409, 0.4678,
0.2524


 42.3653, 0.4160,
0.2779


 6.7034, 0.4984,
0.2375


 58.6921, 0.4056,
0.2831


 3.2773, 0.5430,
0.2157

 78.7522, 0.3970,
0.2873

 1.2782, 0.6128,
0.1818

 102.9300, 0.3899,
0.2908

 0.1242, 0.8623,
0.0570

 131.6099, 0.3839,
0.2937

 0.0000, 1.0000,
0.0000

165.1763, 0.3788,

 0.0000, 0.0000,

0.2963

0.0000

204.0137, 0.3743,
0.2985

■ 19.3741, 0.4457,
0.2633

■ 19.3741, 0.4457,
0.2633

■ 17.0361, 0.4762,
0.2615

■ 22.6728, 0.4171,
0.2692

■ 15.5468, 0.5067,
0.2648

■ 27.0213, 0.3915,
0.2778

■ 14.7360, 0.5352,
0.2729


■ 32.5021, 0.3693,
0.2880


■ 14.6591, 0.5384,
0.2740

■ 39.1885, 0.3506,
0.2988

■ 47.1475, 0.3350,
0.3097

 56.4411, 0.3222,
0.3202

 67.1275, 0.3116,
0.3301

 79.2611, 0.3029,
0.3393

 91.7274, 0.2958,
0.3459

Harmonies

Analogous

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



19.3741, 0.3276, 0.2083



19.3741, 0.4457, 0.2633



19.3741, 0.5233, 0.3311

Triad

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



19.3741, 0.4457, 0.2633



19.3741, 0.3686, 0.5398



19.3741, 0.1339, 0.1984

Complementary

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



19.3741, 0.4457, 0.2633



50.5339, 0.2621, 0.4200

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.



19.3741, 0.1393, 0.2704



19.3741, 0.4457, 0.2633



19.3741, 0.2670, 0.5146

Square

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



19.3741, 0.4457, 0.2633



19.3741, 0.4621, 0.4833



19.3741, 0.1832, 0.3941



19.3741, 0.1616, 0.1710

Rectangle

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



19.3741, 0.4457, 0.2633



19.3741, 0.5321, 0.3799



19.3741, 0.1832, 0.3941



19.3741, 0.1319, 0.2166

Sweetspot

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



19.3752, 0.4457, 0.2633



68.5757, 0.3384, 0.3072



15.2491, 0.2519, 0.1443



13.9414, 0.3427, 0.3041



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.



19.3752, 0.4457, 0.2633



24.5945, 0.4917, 0.2625



19.8647, 0.5313, 0.3419



12.5031, 0.3228, 0.3196



9.0710, 0.5348, 0.2720



0.5633, 0.4894, 0.2469

Inverse Universe

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



19.3752, 0.4457, 0.2633



24.5945, 0.4917, 0.2625



47.1336, 0.2294, 0.3113



12.5031, 0.3228, 0.3196



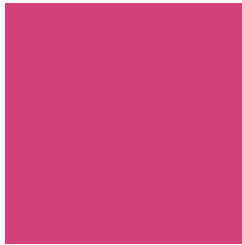
9.0710, 0.5348, 0.2720



0.5633, 0.4894, 0.2469

Previews

White Background



This preview shows how the Yxy color 19.3741, 0.4457, 0.2633 looks on a white background.

Color Contrast Check

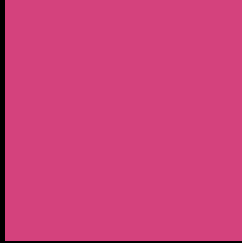
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3741, 0.4457, 0.2633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

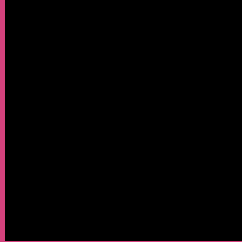
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3741, 0.4457, 0.2633

Background



This preview shows how black text looks on a background with the Yxy color 19.3741, 0.4457, 0.2633.



This preview shows how white text looks on a background with the Yxy color 19.3741, 0.4457, 0.2633.

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

19.3741, 0.4457, 0.2633

Protanopia

19.6227, 0.2639, 0.2618

Deuteranopia

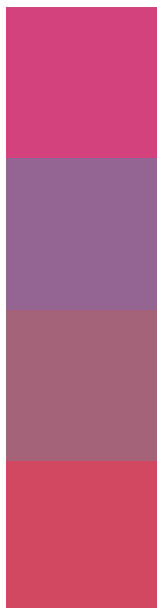
19.4991, 0.3359, 0.3291



Tritanopia

19.3183, 0.5095, 0.3242

Trichromacy



Original Color

19.3741, 0.4457, 0.2633

Protanomaly

17.7098, 0.3176, 0.2541

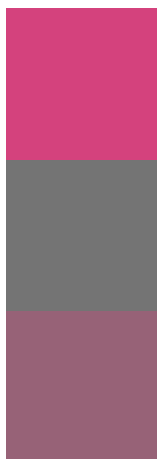
Deuteranomaly

18.1967, 0.3758, 0.2945

Tritanomaly

19.1994, 0.4880, 0.3017

Monochromacy



Original Color

19.3741, 0.4457, 0.2633

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.6466, 0.3609, 0.2936

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3741, 0.4457, 0.2633 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(212, 66, 125)` looks like.

```
.text, #text, p{  
  color:rgb(212, 66, 125)  
}
```

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(212, 66, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 66, 125) }
```

Border

The CSS property to change the border of an element to Yxy 19.3741, 0.4457, 0.2633 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(212, 66, 125) }
```

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

```
.border{ border-color:rgb(212, 66, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 66, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 66, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 66, 125);  
box-shadow:4px 4px 4px 4px rgb(212, 66,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3741, 0.4457, 0.2633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 66, 125) }
```

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

```
.background{ background-color: rgb(212, 66,  
125) }
```

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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