

Converting Colors

$Y_{xy}(20.6635, 0.4400, 0.2731)$

Have a look what the booklet for
Yxy(20.6635, 0.4400, 0.2731)
contains.

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Color

Yxy(20.6373, 0.4400, 0.2734)

Conversions

Conversions Part 1

Format	Color
Hex	D34D7D
RGB	211, 77, 125
RGB Percent	83%, 30%, 49%
CMY	0.1727, 0.6979, 0.5098
CMYK	0.00, 0.63, 0.41, 0.17
HSL	339°, 60%, 56%
HSV	339°, 63%, 83%
XYZ	33.2129, 20.6373, 21.6337
YIQ	122.5380, 64.4560, 43.3360

Conversions

Conversions Part 2

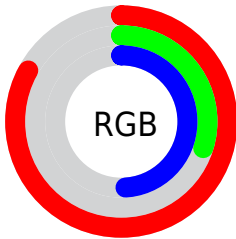
Format	Color
R_{YB}	211, 77, 125
Decimal	13847933
CIE Lab	52.55, 56.70, 1.49
CIE LCh	53, 56.720, 1.501
Yxy	20.6373, 0.4400, 0.2734
Android (android.graphics.Color)	4292038013 (0xFFD34D7D)
YUV	122.5380, 1.2138, 77.5812
Hunter-Lab	45.4283, 51.0030, 3.5650

Details

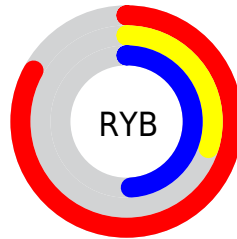
The Yxy color **20.6373, 0.4400, 0.2734** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **50.7978, 0.2606, 0.4016**, and the grayscale version is **19.6320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.2094, 0.3962, 0.2836**, and **7.3492, 0.4911, 0.2519** is the 20% darker color. If you saturate the color by 10%, you get **17.8250, 0.4725, 0.2703**, and if you desaturate by 10%, it is **24.4561, 0.4103, 0.2798**.

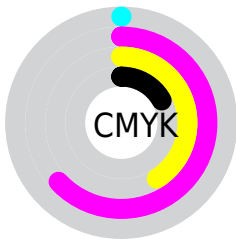
Distribution



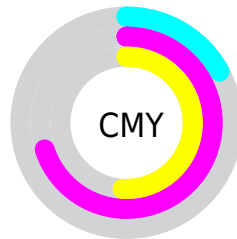
- Red (83%)
- Green (30%)
- Blue (49%)



- Red (83%)
- Yellow (30%)
- Blue (49%)



- Cyan (0%)
- Magenta (63%)
- Yellow (41%)
- Black (17%)



- Cyan (17%)
- Magenta (70%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.6373, 0.4400, 0.2734 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 20.6373, 0.4400, 0.2734 by changing the saturation by 10% instead.


 20.6373, 0.4400,
0.2734


 20.6373, 0.4400,
0.2734


255.3446, 0.3682,
0.3050

 12.8591, 0.4610,
0.2640


 44.4831, 0.4118,
0.2859


 7.3316, 0.4899,
0.2511


 61.3196, 0.4018,
0.2903


 3.6703, 0.5320,
0.2320

 81.9442, 0.3937,
0.2939

 1.4909, 0.5978,
0.2018

 106.7415, 0.3869,
0.2969

 0.2823, 0.7998,
0.1164

 136.0958, 0.3812,
0.2994

 0.0000, 1.0000,
0.0000

170.3915, 0.3762,

 0.0000, 0.0000,

0.3015

0.0000

210.0129, 0.3720,
0.3034

■ 20.6373, 0.4400,
0.2734

■ 20.6373, 0.4400,
0.2734

■ 17.8250, 0.4725,
0.2703

■ 24.4561, 0.4103,
0.2798

■ 15.9176, 0.5059,
0.2716

■ 29.3636, 0.3844,
0.2883

■ 14.7977, 0.5377,
0.2780

■ 35.4370, 0.3623,
0.2977

■ 14.3599, 0.5568,
0.2841

■ 42.7456, 0.3440,
0.3074

■ 51.3532, 0.3289,
0.3169

■ 61.3193, 0.3165,
0.3260

■ 72.6996, 0.3063,
0.3344

■ 85.5467, 0.2981,
0.3422

■ 92.0725, 0.2908,
0.3373

Harmonies

Analogous

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



20.6373, 0.3343, 0.2203



20.6373, 0.4400, 0.2734



20.6373, 0.5067, 0.3383

Triad

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



20.6373, 0.4400, 0.2734



20.6373, 0.3611, 0.5217



20.6373, 0.1472, 0.2065

Complementary

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



20.6373, 0.4400, 0.2734



50.7978, 0.2606, 0.4016

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.



20.6373, 0.1508, 0.2713



20.6373, 0.4400, 0.2734



20.6373, 0.2670, 0.4890

Square

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



20.6373, 0.4400, 0.2734



20.6373, 0.4480, 0.4786



20.6373, 0.1906, 0.3799



20.6373, 0.1757, 0.1821

Rectangle

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



20.6373, 0.4400, 0.2734



20.6373, 0.5132, 0.3848



20.6373, 0.1906, 0.3799



20.6373, 0.1447, 0.2231

Sweetspot

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



20.6384, 0.4400, 0.2734



71.0442, 0.3372, 0.3115



17.6820, 0.2651, 0.1601



14.4158, 0.3417, 0.3088



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.



20.6384, 0.4400, 0.2734



26.2466, 0.4837, 0.2702



22.5468, 0.5004, 0.3495



11.8772, 0.3235, 0.3207



8.6868, 0.5529, 0.2819



0.5007, 0.5019, 0.2538

Inverse Universe

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



20.6384, 0.4400, 0.2734



26.2466, 0.4837, 0.2702



44.4708, 0.2310, 0.3030



11.8772, 0.3235, 0.3207



8.6868, 0.5529, 0.2819



0.5007, 0.5019, 0.2538

Previews

White Background



This preview shows how the Yxy color 20.6373, 0.4400, 0.2734 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 20.6373, 0.4400, 0.2734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

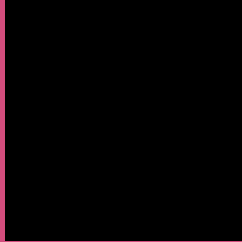
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.6373, 0.4400, 0.2734

Background



This preview shows how black text looks on a background with the Yxy color 20.6373, 0.4400, 0.2734.



This preview shows how white text looks on a background with the Yxy color 20.6373, 0.4400, 0.2734.

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

20.6373, 0.4400, 0.2734

Protanopia

20.9223, 0.2762, 0.2782

Deuteranopia

20.8898, 0.3413, 0.3361



Tritanopia

20.6341, 0.4896, 0.3227

Trichromacy



Original Color

20.6373, 0.4400, 0.2734

Protanomaly

19.3837, 0.3270, 0.2724

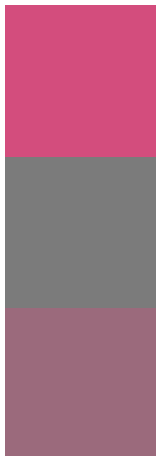
Deuteranomaly

19.7955, 0.3757, 0.3057

Tritanomaly

20.5658, 0.4726, 0.3040

Monochromacy



Original Color

20.6373, 0.4400, 0.2734

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

18.7319, 0.3567, 0.2995

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.6373, 0.4400, 0.2734 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(211, 77, 125)` looks like.

```
.text, #text, p{  
    color:rgb(211, 77, 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(211, 77, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 77, 125) }
```

Border

The CSS property to change the border of an element to Yxy 20.6373, 0.4400, 0.2734 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(211, 77, 125) }
```

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

```
.border{ border-color:rgb(211, 77, 125) }
```

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

Here you see how a box with a 4 pixel rgb(211, 77, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 77, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 77, 125);  
box-shadow:4px 4px 4px 4px rgb(211, 77,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 20.6373, 0.4400, 0.2734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 77, 125) }
```

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

```
.background{ background-color: rgb(211, 77,  
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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