

Converting Colors

$Yxy(21.8194, 0.4377, 0.2757)$

Have a look what the booklet for
Yxy(21.8194, 0.4377, 0.2757)
contains.

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Color

Yxy(21.7395, 0.4370, 0.2748)

Conversions

Conversions Part 1

Format	Color
Hex	D65180
RGB	214, 81, 128
RGB Percent	84%, 32%, 50%
CMY	0.1608, 0.6823, 0.4980
CMYK	0.00, 0.62, 0.40, 0.16
HSL	339°, 62%, 58%
HSV	339°, 62%, 84%
XYZ	34.5712, 21.7395, 22.7996
YIQ	126.1250, 64.1810, 42.8130

Conversions

Conversions Part 2

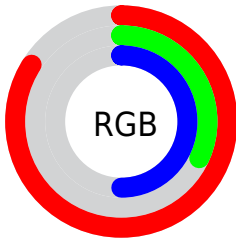
Format	Color
R_{YB}	214, 81, 128
Decimal	14045568
CIE _{Lab}	53.75, 56.27, 1.49
CIE _{LCh}	54, 56.288, 1.520
Yxy	21.7395, 0.4370, 0.2748
Android (android.graphics.Color)	4292235648 (0xFFD65180)
YUV	126.1250, 0.9244, 77.0664
Hunter-Lab	46.6256, 50.7563, 3.6456

Details

The Yxy color **21.7395, 0.4370, 0.2748** 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 **52.6334, 0.2608, 0.3989**, and the grayscale version is **20.8902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2045, 0.3909, 0.2825**, and **7.9037, 0.4853, 0.2538** is the 20% darker color. If you saturate the color by 10%, you get **18.7056, 0.4695, 0.2713**, and if you desaturate by 10%, it is **25.8272, 0.4075, 0.2814**.

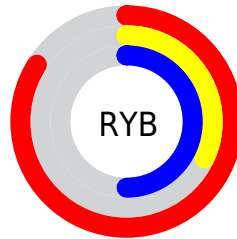
Distribution



Red (84%)

Green (32%)

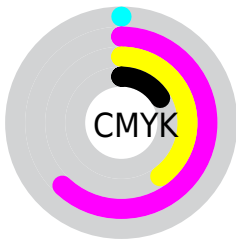
Blue (50%)



Red (84%)

Yellow (32%)

Blue (50%)

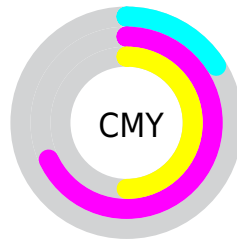


Cyan (0%)

Magenta (62%)

Yellow (40%)

Black (16%)



Cyan (16%)


Magenta (68%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.7395, 0.4370, 0.2748 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 21.7395, 0.4370, 0.2748 by changing the saturation by 10% instead.


 21.7395, 0.4370,
0.2748


 21.7395, 0.4370,
0.2748


261.1828, 0.3674,
0.3054

 13.6656, 0.4571,
0.2658


 46.3151, 0.4098,
0.2869


 7.8885, 0.4847,
0.2535


 63.5855, 0.4001,
0.2911

 4.0237, 0.5246,
0.2354

 84.6903, 0.3922,
0.2946

 1.6868, 0.5864,
0.2071

 110.0138, 0.3856,
0.2975

 0.4151, 0.7381,
0.1425

 139.9404, 0.3800,
0.2999

 0.0000, 1.0000,
0.0000

174.8545, 0.3752,

 0.0000, 0.0000,

0.3020

0.0000

215.1406, 0.3711,
0.3038

■ 21.7395, 0.4370,
0.2748

■ 21.7395, 0.4370,
0.2748

■ 18.7056, 0.4695,
0.2713

■ 25.8272, 0.4075,
0.2814

■ 16.6223, 0.5032,
0.2720

■ 31.0523, 0.3818,
0.2900

■ 15.3712, 0.5356,
0.2779

■ 37.4939, 0.3601,
0.2994

■ 14.8132, 0.5588,
0.2852

■ 45.2230, 0.3420,
0.3090

■ 54.3050, 0.3272,
0.3183

■ 64.8010, 0.3150,
0.3272

■ 76.7682, 0.3051,
0.3354

■ 90.2608, 0.2970,
0.3430

■ 92.8789, 0.2896,
0.3314

Harmonies

Analogous

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



21.7395, 0.3340, 0.2225



21.7395, 0.4370, 0.2748



21.7395, 0.5022, 0.3388

Triad

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



21.7395, 0.4370, 0.2748



21.7395, 0.3608, 0.5170



21.7395, 0.1502, 0.2092

Complementary

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



21.7395, 0.4370, 0.2748



52.6334, 0.2608, 0.3989

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.



21.7395, 0.1540, 0.2729



21.7395, 0.4370, 0.2748



21.7395, 0.2684, 0.4844

Square

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



21.7395, 0.4370, 0.2748



21.7395, 0.4458, 0.4761



21.7395, 0.1933, 0.3787



21.7395, 0.1784, 0.1849

Rectangle

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



21.7395, 0.4370, 0.2748



21.7395, 0.5088, 0.3846



21.7395, 0.1933, 0.3787



21.7395, 0.1479, 0.2256

Sweetspot

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



21.7407, 0.4370, 0.2748



71.0321, 0.3373, 0.3118



18.7652, 0.2664, 0.1631



14.4129, 0.3419, 0.3090



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.



21.7407, 0.4370, 0.2748



26.5467, 0.4816, 0.2710



23.7645, 0.4948, 0.3494



12.4926, 0.3236, 0.3208



8.9714, 0.5550, 0.2831



0.5566, 0.5068, 0.2565

Inverse Universe

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



21.7407, 0.4370, 0.2748



26.5467, 0.4816, 0.2710



46.2058, 0.2321, 0.3036



12.4926, 0.3236, 0.3208



8.9714, 0.5550, 0.2831



0.5566, 0.5068, 0.2565

Previews

White Background



This preview shows how the Yxy color 21.7395, 0.4370, 0.2748 looks on a white background.

Color Contrast Check

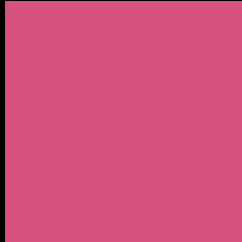
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7395, 0.4370, 0.2748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

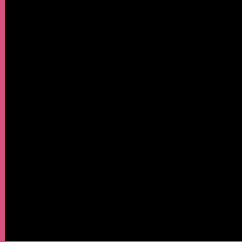
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.7395, 0.4370, 0.2748

Background



This preview shows how black text looks on a background with the Yxy color 21.7395, 0.4370, 0.2748.



This preview shows how white text looks on a background with the Yxy color 21.7395, 0.4370, 0.2748.

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

21.7395, 0.4370, 0.2748

Protanopia

22.0496, 0.2789, 0.2809

Deuteranopia

22.0017, 0.3395, 0.3342



Tritanopia

21.7846, 0.4837, 0.3226

Trichromacy



Original Color

21.7395, 0.4370, 0.2748

Protanomaly

20.5121, 0.3280, 0.2737

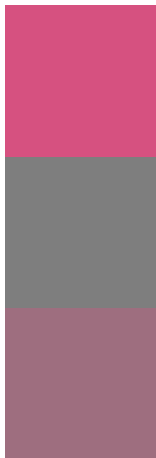
Deuteranomaly

20.8275, 0.3743, 0.3061

Tritanomaly

21.6837, 0.4686, 0.3052

Monochromacy



Original Color

21.7395, 0.4370, 0.2748

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

19.9533, 0.3554, 0.3016

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.7395, 0.4370, 0.2748 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(214, 81, 128)` looks like.

```
.text, #text, p{  
    color:rgb(214, 81, 128)  
}
```

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(214, 81, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 81, 128) }
```

Border

The CSS property to change the border of an element to Yxy 21.7395, 0.4370, 0.2748 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(214, 81, 128) }
```

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

```
.border{ border-color:rgb(214, 81, 128) }
```

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

Here you see how a box with a 4 pixel rgb(214, 81, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 81, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 81, 128);  
box-shadow:4px 4px 4px 4px rgb(214, 81,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 21.7395, 0.4370, 0.2748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 81, 128) }
```

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

```
.background{ background-color: rgb(214, 81,  
128) }
```

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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