

Converting Colors

$Yxy(21.2241, 0.4313, 0.2555)$

Have a look what the booklet for
Yxy(21.2241, 0.4313, 0.2555)
contains.

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Color

Yxy(21.2465, 0.4325, 0.2559)

Conversions

Conversions Part 1

Format	Color
Hex	DB4689
RGB	219, 70, 137
RGB Percent	86%, 27%, 54%
CMY	0.1413, 0.7252, 0.4628
CMYK	0.00, 0.68, 0.37, 0.14
HSL	333°, 67%, 57%
HSV	333°, 68%, 86%
XYZ	35.9090, 21.2465, 25.8711
YIQ	122.1890, 67.2970, 52.4250

Conversions

Conversions Part 2

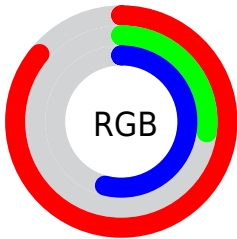
Format	Color
R_{YB}	219, 70, 137
Decimal	14370441
CIE _{Lab}	53.22, 63.10, -4.53
CIE _{LCh}	53, 63.267, 355.892
Yxy	21.2465, 0.4325, 0.2559
Android (android.graphics.Color)	4292560521 (0xFFDB4689)
YUV	122.1890, 7.3018, 84.9032
Hunter-Lab	46.0939, 58.3942, -1.0119

Details

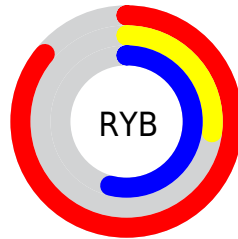
The Yxy color **21.2465, 0.4325, 0.2559** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **54.2138, 0.2657, 0.4297**, and the grayscale version is **19.4939, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.4160, 0.3830, 0.2657**, and **8.0590, 0.4738, 0.2384** is the 20% darker color. If you saturate the color by 10%, you get **18.6602, 0.4601, 0.2528**, and if you desaturate by 10%, it is **24.8721, 0.4067, 0.2631**.

Distribution



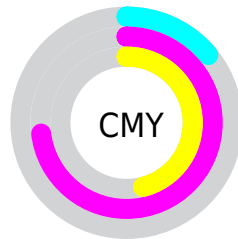
- Red (86%)
- Green (27%)
- Blue (54%)



- Red (86%)
- Yellow (27%)
- Blue (54%)



- Cyan (0%)
- Magenta (68%)
- Yellow (37%)
- Black (14%)





- Cyan (14%)
- Magenta (73%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.2465, 0.4325, 0.2559 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 21.2465, 0.4325, 0.2559 by changing the saturation by 10% instead.


 21.2465, 0.4325,
0.2559


 21.2465, 0.4325,
0.2559


258.5856, 0.3660,
0.2958


 13.3043, 0.4515,
0.2448


 45.4974, 0.4066,
0.2712


 7.6384, 0.4774,
0.2300


 62.5749, 0.3974,
0.2767

 3.8645, 0.5145,
0.2090

 83.4663, 0.3899,
0.2812

 1.5980, 0.5715,
0.1778

 108.5560, 0.3835,
0.2851

 0.3563, 0.6902,
0.1040

 138.2284, 0.3782,
0.2883

 0.0000, 1.0000,
0.0000

172.8679, 0.3735,

 0.0000, 0.0000,

0.2912

0.0000

212.8588, 0.3695,
0.2936

■ 21.2465, 0.4325,
0.2559

■ 21.2465, 0.4325,
0.2559

■ 18.6602, 0.4601,
0.2528

■ 24.8721, 0.4067,
0.2631

■ 16.9941, 0.4880,
0.2548

■ 29.6321, 0.3836,
0.2729

■ 16.0848, 0.5146,
0.2620

■ 35.6147, 0.3636,
0.2844

■ 15.9434, 0.5199,
0.2637

■ 42.8983, 0.3466,
0.2965

■ 51.5547, 0.3324,
0.3085

61.6504, 0.3206,
0.3202

73.2476, 0.3109,
0.3311

86.4047, 0.3030,
0.3413

93.1952, 0.2962,
0.3387

Harmonies

Analogous

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



21.2465, 0.3138, 0.2032



21.2465, 0.4325, 0.2559



21.2465, 0.5178, 0.3227

Triad

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



21.2465, 0.4325, 0.2559



21.2465, 0.3806, 0.5359



21.2465, 0.1328, 0.2043

Complementary

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



21.2465, 0.4325, 0.2559



54.2138, 0.2657, 0.4297

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.



21.2465, 0.1424, 0.2827



21.2465, 0.4325, 0.2559



21.2465, 0.2788, 0.5234

Square

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



21.2465, 0.4325, 0.2559



21.2465, 0.4717, 0.4743



21.2465, 0.1913, 0.4106



21.2465, 0.1566, 0.1725

Rectangle

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



21.2465, 0.4325, 0.2559



21.2465, 0.5330, 0.3710



21.2465, 0.1913, 0.4106



21.2465, 0.1322, 0.2245

Sweetspot

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



21.2476, 0.4325, 0.2559



69.9876, 0.3352, 0.3059



16.1716, 0.2476, 0.1435



14.2215, 0.3391, 0.3025



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.



21.2476, 0.4325, 0.2559



25.0963, 0.4733, 0.2531



20.8757, 0.5325, 0.3369



13.1483, 0.3222, 0.3185



9.4791, 0.5162, 0.2617



0.6313, 0.4763, 0.2398

Inverse Universe

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



21.2476, 0.4325, 0.2559



25.0963, 0.4733, 0.2531



53.2609, 0.2316, 0.3185



13.1483, 0.3222, 0.3185



9.4791, 0.5162, 0.2617



0.6313, 0.4763, 0.2398

Previews

White Background



This preview shows how the Yxy color 21.2465, 0.4325, 0.2559 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 21.2465, 0.4325, 0.2559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

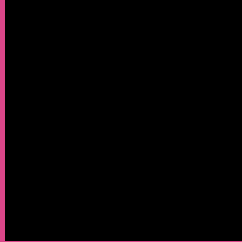
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.2465, 0.4325, 0.2559

Background



This preview shows how black text looks on a background with the Yxy color 21.2465, 0.4325, 0.2559.



This preview shows how white text looks on a background with the Yxy color 21.2465, 0.4325, 0.2559.

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

21.2465, 0.4325, 0.2559

Protanopia

21.5162, 0.2552, 0.2502

Deuteranopia

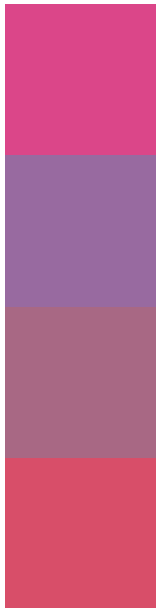
21.4892, 0.3253, 0.3204



Tritanopia

21.1698, 0.5017, 0.3242

Trichromacy



Original Color

21.2465, 0.4325, 0.2559

Protanomaly

19.5215, 0.3067, 0.2449

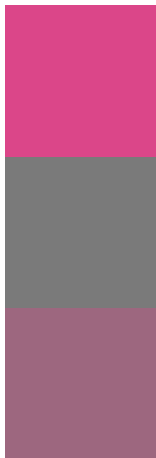
Deuteranomaly

19.8914, 0.3635, 0.2862

Tritanomaly

21.0676, 0.4777, 0.2996

Monochromacy



Original Color

21.2465, 0.4325, 0.2559

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.4009, 0.3561, 0.2901

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.2465, 0.4325, 0.2559 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(219, 70, 137)` looks like.

```
.text, #text, p{  
  color:rgb(219, 70, 137)  
}
```

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(219, 70, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 70, 137) }
```

Border

The CSS property to change the border of an element to Yxy 21.2465, 0.4325, 0.2559 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(219, 70, 137) }
```

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

```
.border{ border-color:rgb(219, 70, 137) }
```

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

Here you see how a box with a 4 pixel rgb(219, 70, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 70, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 70, 137);  
box-shadow:4px 4px 4px 4px rgb(219, 70,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 21.2465, 0.4325, 0.2559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 70, 137) }
```

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

```
.background{ background-color: rgb(219, 70,  
137) }
```

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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