

Converting Colors

$Yxy(21.9806, 0.4341, 0.2853)$

Have a look what the booklet for
Yxy(21.9806, 0.4341, 0.2853)
contains.

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Color

Yxy(21.9900, 0.4343, 0.2857)

Conversions

Conversions Part 1

Format	Color
Hex	D1587C
RGB	209, 88, 124
RGB Percent	82%, 35%, 49%
CMY	0.1803, 0.6550, 0.5137
CMYK	0.00, 0.58, 0.41, 0.18
HSL	342°, 57%, 58%
HSV	342°, 58%, 82%
XYZ	33.4276, 21.9900, 21.5513
YIQ	128.2830, 60.5600, 36.8480

Conversions

Conversions Part 2

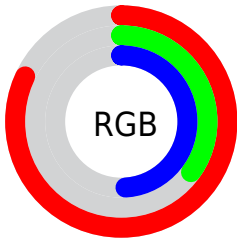
Format	Color
RYB	209, 88, 124
Decimal	13719676
CIELab	54.02, 51.14, 4.16
CIElCh	54, 51.307, 4.653
Yxy	21.9900, 0.4343, 0.2857
Android (android.graphics.Color)	4291909756 (0xFFD1587C)
YUV	128.2830, -2.1115, 70.7888
Hunter-Lab	46.8935, 45.1784, 5.5770

Details

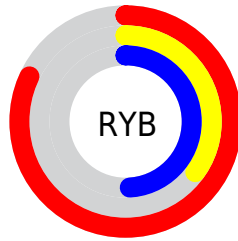
The Yxy color **21.9900, 0.4343, 0.2857** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **50.7047, 0.2592, 0.3824**, and the grayscale version is **21.6805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.7406, 0.3945, 0.2937**, and **7.9720, 0.4819, 0.2680** is the 20% darker color. If you saturate the color by 10%, you get **18.6940, 0.4689, 0.2819**, and if you desaturate by 10%, it is **26.3270, 0.4035, 0.2919**.

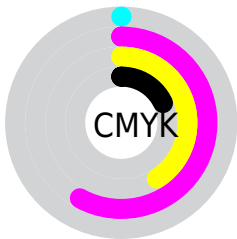
Distribution



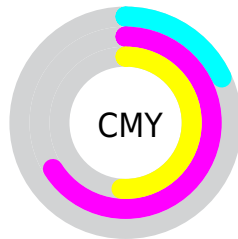
- Red (82%)
- Green (35%)
- Blue (49%)



- Red (82%)
- Yellow (35%)
- Blue (49%)



- Cyan (0%)
- Magenta (58%)
- Yellow (41%)
- Black (18%)




- Cyan (18%)
- Magenta (66%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.9900, 0.4343, 0.2857 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 21.9900, 0.4343, 0.2857 by changing the saturation by 10% instead.


 21.9900, 0.4343,
0.2857

 21.9900, 0.4343,
0.2857


262.4940, 0.3660,
0.3107


 13.8496, 0.4541,
0.2781


 46.7295, 0.4075,
0.2957


 8.0161, 0.4814,
0.2675


 64.0973, 0.3981,
0.2992

 4.1053, 0.5211,
0.2516

 85.3097, 0.3903,
0.3020

 1.7326, 0.5830,
0.2258

 110.7510, 0.3838,
0.3044

 0.4446, 0.7557,
0.1703

140.8057, 0.3784,
0.3063

 0.0000, 1.0000,
0.0000

175.8582, 0.3737,

 0.0000, 0.0000,

0.3080

0.0000

216.2929, 0.3696,
0.3095

■ 21.9900, 0.4343,
0.2857

■ 21.9900, 0.4343,
0.2857

■ 18.6940, 0.4689,
0.2819

■ 26.3270, 0.4035,
0.2919

■ 16.3466, 0.5055,
0.2817

■ 31.7804, 0.3772,
0.2994

■ 14.8446, 0.5413,
0.2860

■ 38.4223, 0.3552,
0.3075

■ 14.0387, 0.5730,
0.2945

■ 46.3178, 0.3372,
0.3155

■ 13.9089, 0.5792,
0.2964

■ 55.5273, 0.3224,
0.3232

■ 66.1073, 0.3104,
0.3305

■ 78.1109, 0.3006,
0.3372

■ 91.4576, 0.2926,
0.3431

■ 92.2990, 0.2855,
0.3289

Harmonies

Analogous

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



21.9900, 0.3428, 0.2349



21.9900, 0.4343, 0.2857



21.9900, 0.4883, 0.3469

Triad

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



21.9900, 0.4343, 0.2857



21.9900, 0.3503, 0.5000



21.9900, 0.1631, 0.2153

Complementary

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



21.9900, 0.4343, 0.2857



50.7047, 0.2592, 0.3824

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.



21.9900, 0.1640, 0.2711



21.9900, 0.4343, 0.2857



21.9900, 0.2653, 0.4603

Square

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



21.9900, 0.4343, 0.2857



21.9900, 0.4300, 0.4717



21.9900, 0.1980, 0.3636



21.9900, 0.1930, 0.1949

Rectangle

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



21.9900, 0.4343, 0.2857



21.9900, 0.4914, 0.3902



21.9900, 0.1980, 0.3636



21.9900, 0.1599, 0.2296

Sweetspot

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



21.9912, 0.4343, 0.2857



73.5838, 0.3360, 0.3161



20.4332, 0.2793, 0.1774



15.1701, 0.3394, 0.3145



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.



21.9912, 0.4343, 0.2857



28.5088, 0.4757, 0.2816



25.8942, 0.4691, 0.3586



11.8653, 0.3244, 0.3221



8.5888, 0.5754, 0.2944



0.4942, 0.5223, 0.2651

Inverse Universe

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



21.9912, 0.4343, 0.2857



28.5088, 0.4757, 0.2816



41.3001, 0.2334, 0.2935



11.8653, 0.3244, 0.3221



8.5888, 0.5754, 0.2944



0.4942, 0.5223, 0.2651

Previews

White Background



This preview shows how the Yxy color 21.9900, 0.4343, 0.2857 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 21.9900, 0.4343, 0.2857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

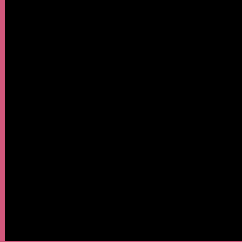
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.9900, 0.4343, 0.2857

Background



This preview shows how black text looks on a background with the Yxy color 21.9900, 0.4343, 0.2857.



This preview shows how white text looks on a background with the Yxy color 21.9900, 0.4343, 0.2857.

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

21.9900, 0.4343, 0.2857

Protanopia

22.3507, 0.2908, 0.2961

Deuteranopia

22.0862, 0.3468, 0.3410



Tritanopia

21.9950, 0.4673, 0.3222

Trichromacy



Original Color

21.9900, 0.4343, 0.2857

Protanomaly

21.0668, 0.3375, 0.2892

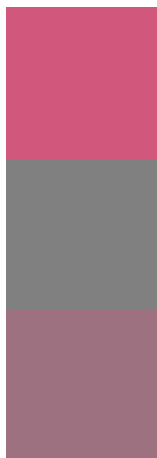
Deuteranomaly

21.3794, 0.3786, 0.3168

Tritanomaly

21.9748, 0.4562, 0.3088

Monochromacy



Original Color

21.9900, 0.4343, 0.2857

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.5107, 0.3531, 0.3064

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.9900, 0.4343, 0.2857 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(209, 88, 124)` looks like.

```
.text, #text, p{  
    color:rgb(209, 88, 124)  
}
```

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(209, 88, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 88, 124) }
```

Border

The CSS property to change the border of an element to Yxy 21.9900, 0.4343, 0.2857 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(209, 88, 124) }
```

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

```
.border{ border-color:rgb(209, 88, 124) }
```

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

Here you see how a box with a 4 pixel rgb(209, 88, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 88, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 88, 124);  
box-shadow:4px 4px 4px 4px rgb(209, 88,  
124) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 21.9900, 0.4343, 0.2857$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 88, 124) }
```

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

```
.background{ background-color: rgb(209, 88,  
124) }
```

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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