

Converting Colors

$Yxy(19.1814, 0.3967, 0.2054)$

Have a look what the booklet for
Yxy(19.1814, 0.3967, 0.2054)
contains.

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Color

Yxy(19.2328, 0.3965, 0.2051)

Conversions

Conversions Part 1

Format	Color
Hex	DD22A5
RGB	221, 34, 165
RGB Percent	87%, 13%, 65%
CMY	0.1334, 0.8665, 0.3529
CMYK	0.00, 0.85, 0.25, 0.13
HSL	318°, 73%, 50%
HSV	318°, 85%, 87%
XYZ	37.1809, 19.2328, 37.3591
YIQ	104.8470, 69.4010, 80.3850

Conversions

Conversions Part 2

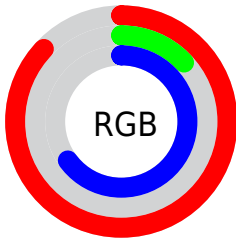
Format	Color
R_{YB}	221, 34, 165
Decimal	14492325
CIE _{Lab}	50.96, 77.06, -24.57
CIE _{LCh}	51, 80.885, 342.316
Yxy	19.2328, 0.3965, 0.2051
Android (android.graphics.Color)	4292682405 (0xFFDD22A5)
YUV	104.8470, 29.6554, 101.8662
Hunter-Lab	43.8552, 74.5875, -19.8089

Details

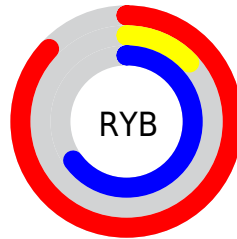
The Yxy color **19.2328, 0.3965, 0.2051** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **52.7855, 0.2850, 0.5304**, and the grayscale version is **13.9932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.5305, 0.3537, 0.2182**, and **8.7693, 0.4127, 0.2047** is the 20% darker color. If you saturate the color by 10%, you get **18.1143, 0.4090, 0.2049**, and if you desaturate by 10%, it is **21.1765, 0.3837, 0.2102**.

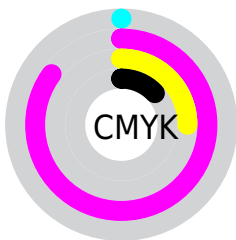
Distribution



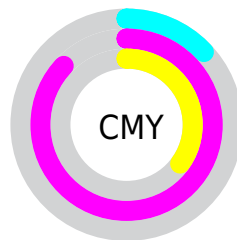
- Red (87%)
- Green (13%)
- Blue (65%)



- Red (87%)
- Yellow (13%)
- Blue (65%)



- Cyan (0%)
- Magenta (85%)
- Yellow (25%)
- Black (13%)





- Cyan (13%)
- Magenta (87%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2328, 0.3965, 0.2051 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 19.2328, 0.3965, 0.2051 by changing the saturation by 10% instead.


 19.2328, 0.3965,
0.2051


 19.2328, 0.3965,
0.2051


247.7309, 0.3525,
0.2683


 11.8386, 0.4080,
0.1893


 42.1271, 0.3801,
0.2282

 6.6339, 0.4231,
0.1691


 58.3960, 0.3740,
0.2368


 3.2342, 0.4435,
0.1428


 78.3920, 0.3690,
0.2442

 1.2552, 0.4721,
0.1080

 102.4993, 0.3647,
0.2504

 0.1061, 0.5362,
0.0221

 131.1025, 0.3610,
0.2558

 0.0000, 0.5977,
0.0000

164.5859, 0.3578,

 0.0000, 0.0000,

0.2605

0.0000

203.3339, 0.3550,
0.2647

■ 19.2328, 0.3965,
0.2051

■ 19.2328, 0.3965,
0.2051

■ 18.1143, 0.4090,
0.2049

■ 21.1765, 0.3837,
0.2102

■ 17.7311, 0.4157,
0.2064

■ 24.0771, 0.3711,
0.2200

■ 28.0461, 0.3591,
0.2334

■ 33.1789, 0.3480,
0.2495

■ 39.5602, 0.3381,
0.2671

■ 47.2667, 0.3293,
0.2854

■ 56.3691, 0.3218,
0.3035

■ 66.9329, 0.3153,
0.3212

■ 79.0194, 0.3099,
0.3379

Harmonies

Analogous

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



19.2328, 0.2492, 0.1561



19.2328, 0.3965, 0.2051



19.2328, 0.5405, 0.2751

Triad

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



19.2328, 0.3965, 0.2051



19.2328, 0.4336, 0.5488



19.2328, 0.0958, 0.2023

Complementary

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



19.2328, 0.3965, 0.2051



52.7855, 0.2850, 0.5304

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.



19.2328, 0.1206, 0.3314



19.2328, 0.3965, 0.2051



19.2328, 0.3115, 0.6137

Square

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



19.2328, 0.3965, 0.2051



19.2328, 0.5389, 0.4437



19.2328, 0.1964, 0.5248



19.2328, 0.1074, 0.1476

Rectangle

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



19.2328, 0.3965, 0.2051



19.2328, 0.5868, 0.3263



19.2328, 0.1964, 0.5248



19.2328, 0.0994, 0.2353

Sweetspot

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



19.2338, 0.3965, 0.2051



64.6819, 0.3298, 0.2842



8.3927, 0.1847, 0.0883



12.9990, 0.3328, 0.2778



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.



19.2338, 0.3965, 0.2051



24.5009, 0.4166, 0.2069



17.0183, 0.5566, 0.2993



13.2050, 0.3183, 0.3128



10.3224, 0.4138, 0.2053



0.6837, 0.3951, 0.1950

Inverse Universe

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



19.2338, 0.3965, 0.2051



24.5009, 0.4166, 0.2069



55.3622, 0.2443, 0.3886



13.2050, 0.3183, 0.3128



10.3224, 0.4138, 0.2053



0.6837, 0.3951, 0.1950

Previews

White Background



This preview shows how the Yxy color 19.2328, 0.3965, 0.2051 looks on a white background.

Color Contrast Check

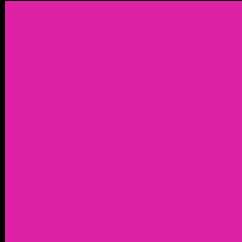
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2328, 0.3965, 0.2051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

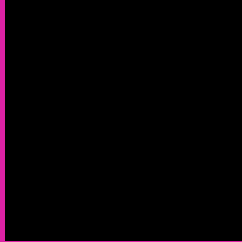
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.2328, 0.3965, 0.2051

Background



This preview shows how black text looks on a background with the Yxy color 19.2328, 0.3965, 0.2051.



This preview shows how white text looks on a background with the Yxy color 19.2328, 0.3965, 0.2051.

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

19.2328, 0.3965, 0.2051

Protanopia

19.9189, 0.1918, 0.1677

Deuteranopia

19.5814, 0.2725, 0.2672



Tritanopia

19.3106, 0.5270, 0.3256

Trichromacy



Original Color

19.2328, 0.3965, 0.2051



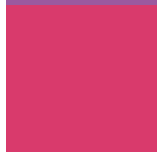
Protanomaly

15.5248, 0.2308, 0.1590



Deuteranomaly

16.6165, 0.3124, 0.2223



Tritanomaly

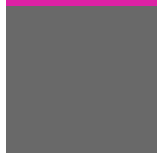
18.8605, 0.4843, 0.2782

Monochromacy



Original Color

19.2328, 0.3965, 0.2051



Achromatopsia

14.1263, 0.3127, 0.3290



Achromatomaly

13.3273, 0.3478, 0.2484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2328, 0.3965, 0.2051 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(221, 34, 165)` looks like.

```
.text, #text, p{  
    color:rgb(221, 34, 165)  
}
```

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(221, 34, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 34, 165) }
```

Border

The CSS property to change the border of an element to Yxy 19.2328, 0.3965, 0.2051 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(221, 34, 165) }
```

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

```
.border{ border-color:rgb(221, 34, 165) }
```

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

Here you see how a box with a 4 pixel rgb(221, 34, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 34, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 34, 165);  
box-shadow:4px 4px 4px 4px rgb(221, 34,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2328, 0.3965, 0.2051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 34, 165) }
```

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

```
.background{ background-color: rgb(221, 34,  
165) }
```

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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