

Converting Colors

$Yxy(22.1431, 0.4416, 0.2300)$

Have a look what the booklet for
Yxy(22.1431, 0.4416, 0.2300)
contains.

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Color

Yxy(22.1698, 0.4411, 0.2298)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F12398 |
| RGB | 241, 35, 152 |
| RGB Percent | 95%, 14%, 60% |
| CMY | 0.0548, 0.8631, 0.4039 |
| CMYK | 0.00, 0.86, 0.37, 0.05 |
| HSL | 326°, 88%, 54% |
| HSV | 326°, 86%, 95% |
| XYZ | 42.5548, 22.1698, 31.7497 |
| YIQ | 109.9320, 85.2190, 80.0590 |

Conversions

Conversions Part 2

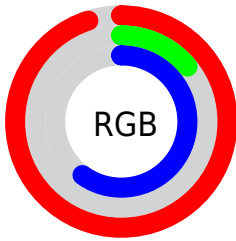
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 241, 35, 152 |
| Decimal | 15803288 |
| CIE _{Lab} | 54.21, 79.89, -11.58 |
| CIE _{LCh} | 54, 80.727, 351.754 |
| Yxy | 22.1698, 0.4411, 0.2298 |
| Android (android.graphics.Color) | 4293993368 (0xFFFF12398) |
| YUV | 109.9320, 20.7395, 114.9466 |
| Hunter-Lab | 47.0848, 78.9282, -7.0204 |

Details

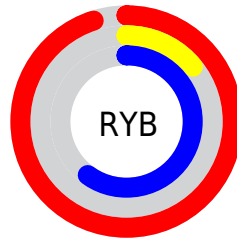
The Yxy color **22.1698, 0.4411, 0.2298** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **64.7415, 0.2749, 0.4973**, and the grayscale version is **15.4792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.4414, 0.3688, 0.2328**, and **10.5233, 0.4684, 0.2354** is the 20% darker color. If you saturate the color by 10%, you get **20.8833, 0.4613, 0.2335**, and if you desaturate by 10%, it is **24.4593, 0.4204, 0.2315**.

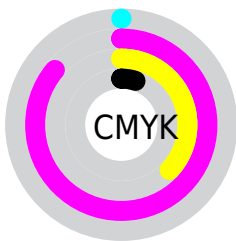
Distribution



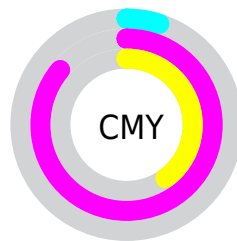
- Red (95%)
- Green (14%)
- Blue (60%)



- Red (95%)
- Yellow (14%)
- Blue (60%)



- Cyan (0%)
- Magenta (86%)
- Yellow (37%)
- Black (5%)





- Cyan (5%)
- Magenta (86%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.1698, 0.4411, 0.2298 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 22.1698, 0.4411, 0.2298 by changing the saturation by 10% instead.


 22.1698, 0.4411,
0.2298


 22.1698, 0.4411,
0.2298


263.4317, 0.3717,
0.2816


 13.9817, 0.4601,
0.2164


 47.0265, 0.4146,
0.2490

 8.1080, 0.4854,
0.1990


 64.4639, 0.4051,
0.2561

 4.1641, 0.5205,
0.1756


 85.7531, 0.3971,
0.2621

 1.7658, 0.5720,
0.1432

 111.2787, 0.3904,
0.2672

 0.4657, 0.6597,
0.0868

 141.4250, 0.3847,
0.2715

 0.0000, 0.9286,
0.0000

176.5763, 0.3798,

 0.0000, 1.0000,

0.2753

0.0000

217.1171, 0.3755,
0.2786

■ 0.0000, 0.0000,
0.0000

■ 22.1698, 0.4411,
0.2298

■ 22.1698, 0.4411,
0.2298

■ 20.8833, 0.4613,
0.2335

■ 24.4593, 0.4204,
0.2315

■ 20.5120, 0.4702,
0.2364

■ 27.9208, 0.4003,
0.2382

■ 32.6956, 0.3815,
0.2488

■ 38.9037, 0.3645,
0.2619

■ 46.6517, 0.3497,
0.2765

■ 56.0358, 0.3369,
0.2917

■ 67.1445, 0.3261,
0.3068

■ 80.0596, 0.3170,
0.3213

■ 94.8579, 0.3095,
0.3350

Harmonies

Analogous

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



22.1698, 0.2924, 0.1738



22.1698, 0.4411, 0.2298



22.1698, 0.5577, 0.3020

Triad

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



22.1698, 0.4411, 0.2298



22.1698, 0.3962, 0.5696



22.1698, 0.1023, 0.1850

Complementary

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



22.1698, 0.4411, 0.2298



64.7415, 0.2749, 0.4973

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.



22.1698, 0.1150, 0.2844



22.1698, 0.4411, 0.2298



22.1698, 0.2778, 0.5918

Square

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



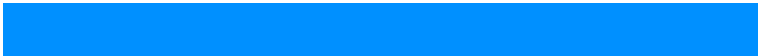
22.1698, 0.4411, 0.2298



22.1698, 0.5050, 0.4747



22.1698, 0.1735, 0.4578



22.1698, 0.1239, 0.1465

Rectangle

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



22.1698, 0.4411, 0.2298



22.1698, 0.5799, 0.3539



22.1698, 0.1735, 0.4578



22.1698, 0.1025, 0.2097

Sweetspot

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



22.1710, 0.4411, 0.2298



63.0375, 0.3375, 0.2909



11.5989, 0.2026, 0.0965



12.6611, 0.3418, 0.2856



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.



22.1710, 0.4411, 0.2298



23.3007, 0.4708, 0.2367



20.1521, 0.5970, 0.3207



15.9093, 0.3204, 0.3157



11.1469, 0.4671, 0.2347



0.9472, 0.4425, 0.2212

Inverse Universe

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



22.1710, 0.4411, 0.2298



23.3007, 0.4708, 0.2367



68.6626, 0.2332, 0.3512



15.9093, 0.3204, 0.3157



11.1469, 0.4671, 0.2347



0.9472, 0.4425, 0.2212

Previews

White Background



This preview shows how the Yxy color 22.1698, 0.4411, 0.2298 looks on a white background.

Color Contrast Check

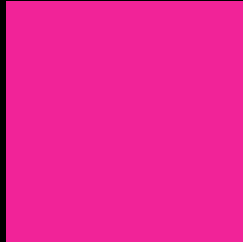
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1698, 0.4411, 0.2298 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 22.1698, 0.4411, 0.2298

Background



This preview shows how black text looks on a background with the Yxy color 22.1698, 0.4411, 0.2298.



This preview shows how white text looks on a background with the Yxy color 22.1698, 0.4411, 0.2298.

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

22.1698, 0.4411, 0.2298

Protanopia

22.7332, 0.2178, 0.2018

Deuteranopia

22.4501, 0.3081, 0.3035



Tritanopia

22.2894, 0.5536, 0.3273

Trichromacy



Original Color

22.1698, 0.4411, 0.2298



Protanomaly

18.1127, 0.2714, 0.1913



Deuteranomaly

19.1947, 0.3557, 0.2541



Tritanomaly

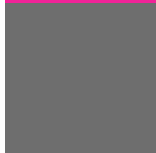
21.8296, 0.5192, 0.2912

Monochromacy



Original Color

22.1698, 0.4411, 0.2298



Achromatopsia

15.5926, 0.3127, 0.3290



Achromatomaly

14.9363, 0.3665, 0.2620

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1698, 0.4411, 0.2298 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(241, 35, 152)` looks like.

```
.text, #text, p{  
    color:rgb(241, 35, 152)  
}
```

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(241, 35, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 35, 152) }
```

Border

The CSS property to change the border of an element to Yxy 22.1698, 0.4411, 0.2298 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(241, 35, 152) }
```

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

```
.border{ border-color:rgb(241, 35, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 35, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 35, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 35, 152);  
box-shadow:4px 4px 4px 4px rgb(241, 35,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 22.1698, 0.4411, 0.2298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 35, 152) }
```

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

```
.background{ background-color: rgb(241, 35,  
152) }
```

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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