

Converting Colors

$Yxy(24.0966, 0.4288, 0.2798)$

Have a look what the booklet for
Yxy(24.0966, 0.4288, 0.2798)
contains.

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Color

Yxy(24.1088, 0.4281, 0.2793)

Conversions

Conversions Part 1

Format	Color
Hex	DA5B86
RGB	218, 91, 134
RGB Percent	85%, 36%, 53%
CMY	0.1452, 0.6430, 0.4745
CMYK	0.00, 0.58, 0.39, 0.15
HSL	340°, 63%, 61%
HSV	340°, 58%, 85%
XYZ	36.9530, 24.1088, 25.2568
YIQ	133.8750, 61.8890, 40.2970

Conversions

Conversions Part 2

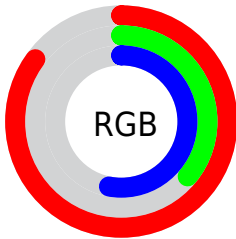
Format	Color
R_{YB}	218, 91, 134
Decimal	14310278
CIE _{Lab}	56.20, 53.74, 1.59
CIE _{LCh}	56, 53.759, 1.696
Yxy	24.1088, 0.4281, 0.2793
Android (android.graphics.Color)	4292500358 (0xFFDA5B86)
YUV	133.8750, 0.0616, 73.7776
Hunter-Lab	49.1007, 48.4122, 3.8724

Details

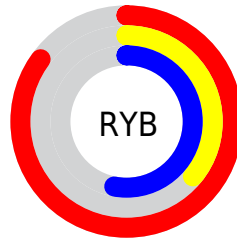
The Yxy color **24.1088, 0.4281, 0.2793** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **55.4544, 0.2616, 0.3908**, and the grayscale version is **23.7774, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.4056, 0.3817, 0.2865**, and **9.1145, 0.4698, 0.2598** is the 20% darker color. If you saturate the color by 10%, you get **20.5325, 0.4605, 0.2748**, and if you desaturate by 10%, it is **28.8247, 0.3992, 0.2864**.

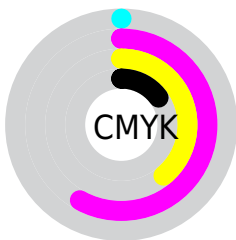
Distribution



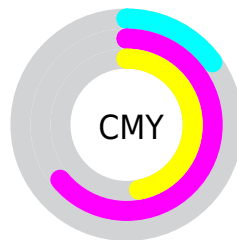
- Red (85%)
- Green (36%)
- Blue (53%)



- Red (85%)
- Yellow (36%)
- Blue (53%)



- Cyan (0%)
- Magenta (58%)
- Yellow (39%)
- Black (15%)



- Cyan (15%)
- Magenta (64%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1088, 0.4281, 0.2793 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 24.1088, 0.4281, 0.2793 by changing the saturation by 10% instead.


 24.1088, 0.4281,
0.2793


 24.1088, 0.4281,
0.2793


273.3701, 0.3644,
0.3070


 15.4143, 0.4462,
0.2713


 50.2077, 0.4034,
0.2901


 9.1107, 0.4707,
0.2605


 68.3809, 0.3946,
0.2939

 4.8135, 0.5058,
0.2448

 90.4825, 0.3873,
0.2971

 2.1382, 0.5595,
0.2205

 116.8969, 0.3813,
0.2997

 0.6860, 0.6574,
0.1778

148.0085, 0.3761,
0.3020

 0.0000, 1.0000,
0.0000

184.2016, 0.3716,

 0.0000, 0.0000,

0.3039

0.0000

225.8606, 0.3678,
0.3055

■ 24.1088, 0.4281,
0.2793

■ 24.1088, 0.4281,
0.2793

■ 20.5325, 0.4605,
0.2748

■ 28.8247, 0.3992,
0.2864

■ 17.9931, 0.4950,
0.2740

■ 34.7635, 0.3744,
0.2950

■ 16.3758, 0.5290,
0.2781

■ 42.0051, 0.3536,
0.3042

■ 15.5119, 0.5597,
0.2869

■ 50.6215, 0.3364,
0.3133

■ 15.3939, 0.5649,
0.2885

■ 60.6794, 0.3223,
0.3221

■ 72.2412, 0.3109,
0.3304

■ 85.3654, 0.3015,
0.3381

■ 93.2846, 0.2936,
0.3347

■ 93.6426, 0.2906,
0.3289

Harmonies

Analogous

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



24.1088, 0.3336, 0.2295



24.1088, 0.4281, 0.2793



24.1088, 0.4883, 0.3404

Triad

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



24.1088, 0.4281, 0.2793



24.1088, 0.3590, 0.5025



24.1088, 0.1599, 0.2175

Complementary

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



24.1088, 0.4281, 0.2793



55.4544, 0.2616, 0.3908

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.



24.1088, 0.1638, 0.2777



24.1088, 0.4281, 0.2793



24.1088, 0.2724, 0.4702

Square

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



24.1088, 0.4281, 0.2793



24.1088, 0.4382, 0.4682



24.1088, 0.2016, 0.3746



24.1088, 0.1870, 0.1938

Rectangle

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



24.1088, 0.4281, 0.2793



24.1088, 0.4952, 0.3840



24.1088, 0.2016, 0.3746



24.1088, 0.1577, 0.2331

Sweetspot

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



24.1101, 0.4281, 0.2793



73.6808, 0.3347, 0.3143



21.4942, 0.2723, 0.1734



15.1928, 0.3379, 0.3125



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.



24.1101, 0.4281, 0.2793



28.3016, 0.4686, 0.2742



26.8250, 0.4764, 0.3513



13.1239, 0.3239, 0.3211



9.2424, 0.5610, 0.2864



0.6146, 0.5151, 0.2611

Inverse Universe

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



24.1101, 0.4281, 0.2793



28.3016, 0.4686, 0.2742



48.1048, 0.2349, 0.3023



13.1239, 0.3239, 0.3211



9.2424, 0.5610, 0.2864



0.6146, 0.5151, 0.2611

Previews

White Background



This preview shows how the Yxy color 24.1088, 0.4281, 0.2793 looks on a white background.

Color Contrast Check

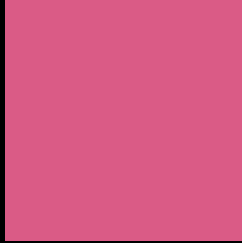
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1088, 0.4281, 0.2793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

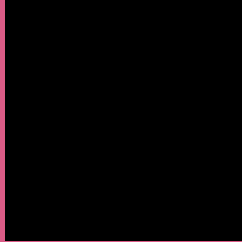
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1088, 0.4281, 0.2793

Background



This preview shows how black text looks on a background with the Yxy color 24.1088, 0.4281, 0.2793.



This preview shows how white text looks on a background with the Yxy color 24.1088, 0.4281, 0.2793.

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

24.1088, 0.4281, 0.2793

Protanopia

24.3341, 0.2829, 0.2860

Deuteranopia

24.3704, 0.3395, 0.3340



Tritanopia

24.1478, 0.4670, 0.3213

Trichromacy



Original Color

24.1088, 0.4281, 0.2793

Protanomaly

22.8726, 0.3284, 0.2786

Deuteranomaly

23.2164, 0.3712, 0.3083

Tritanomaly

24.1739, 0.4533, 0.3061

Monochromacy



Original Color

24.1088, 0.4281, 0.2793

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

22.6774, 0.3529, 0.3043

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1088, 0.4281, 0.2793 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(218, 91, 134)` looks like.

```
.text, #text, p{  
    color:rgb(218, 91, 134)  
}
```

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(218, 91, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 91, 134) }
```

Border

The CSS property to change the border of an element to Yxy 24.1088, 0.4281, 0.2793 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(218, 91, 134) }
```

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

```
.border{ border-color:rgb(218, 91, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 91, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 91, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 91, 134); box-shadow:4px 4px 4px 4px rgb(218, 91, 134) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1088, 0.4281, 0.2793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 91, 134) }
```

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

```
.background{ background-color: rgb(218, 91,  
134) }
```

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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