

Converting Colors

Yxy(23.6754, 0.4770, 0.2442)

Have a look what the booklet for
Yxy(23.6754, 0.4770, 0.2442)
contains.

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Color

Yxy(23.6898, 0.4773, 0.2445)

Conversions

Conversions Part 1

Format	Color
Hex	FF158C
RGB	255, 21, 140
RGB Percent	100%, 8%, 55%
CMY	0.0000, 0.9178, 0.4509
CMYK	0.00, 0.92, 0.45, 0.00
HSL	329°, 100%, 54%
HSV	329°, 92%, 100%
XYZ	46.2460, 23.6898, 26.9550
YIQ	104.5320, 101.2650, 86.6170

Conversions

Conversions Part 2

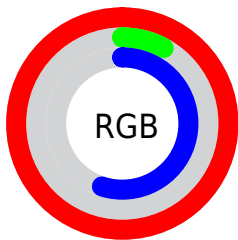
Format	Color
R _Y B	255, 21, 140
Decimal	16717196
CIE Lab	55.78, 83.88, -1.83
CIE LCh	56, 83.903, 358.751
Yxy	23.6898, 0.4773, 0.2445
Android (android.graphics.Color)	4294907276 (0xFFFF158C)
YUV	104.5320, 17.4857, 131.9604
Hunter-Lab	48.6722, 84.4259, 1.2353

Details

The Yxy color **23.6898, 0.4773, 0.2445** 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 **73.4551, 0.2714, 0.4921**, and the grayscale version is **13.9202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.2134, 0.3845, 0.2421**, and **11.9447, 0.5098, 0.2582** is the 20% darker color. If you saturate the color by 10%, you get **22.8643, 0.4964, 0.2508**, and if you desaturate by 10%, it is **25.5358, 0.4531, 0.2413**.

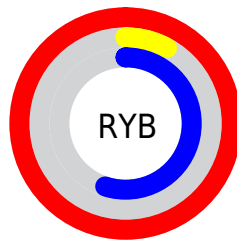
Distribution



Red (100%)

Green (8%)

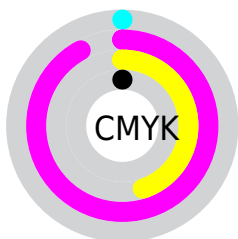
Blue (55%)



Red (100%)

Yellow (8%)

Blue (55%)

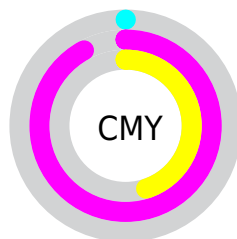


Cyan (0%)

Magenta (92%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (92%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.6898, 0.4773, 0.2445 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 23.6898, 0.4773, 0.2445 by changing the saturation by 10% instead.


 23.6898, 0.4773,
0.2445


 23.6898, 0.4773,
0.2445


271.2484, 0.3877,
0.2901


 15.1037, 0.5018,
0.2322


 49.5235, 0.4431,
0.2618

 8.8922, 0.5344,
0.2159


 67.5399, 0.4307,
0.2681


 4.6709, 0.5793,
0.1935

 89.4685, 0.4205,
0.2733

 2.0555, 0.6441,
0.1616

 115.6937, 0.4119,
0.2777

 0.6394, 0.7447,
0.1115

 146.5999, 0.4045,
0.2815

 0.0000, 1.0000,
0.0000

182.5715, 0.3981,

 0.0000, 0.0000,

0.2848

0.0000

223.9929, 0.3926,
0.2876

■ 23.6898, 0.4773,
0.2445

■ 23.6898, 0.4773,
0.2445

■ 22.8643, 0.4964,
0.2508

■ 25.5358, 0.4531,
0.2413

■ 28.6100, 0.4287,
0.2436

■ 33.0946, 0.4053,
0.2505

■ 39.1414, 0.3840,
0.2608

■ 46.8825, 0.3651,
0.2733

■ 56.4356, 0.3489,
0.2868

■ 67.9081, 0.3352,
0.3005

■ 81.3987, 0.3237,
0.3140

■ 96.9995, 0.3142,
0.3268

Harmonies

Analogous

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



23.6898, 0.3251, 0.1830



23.6898, 0.4773, 0.2445



23.6898, 0.5748, 0.3189

Triad

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



23.6898, 0.4773, 0.2445



23.6898, 0.3681, 0.5891



23.6898, 0.1023, 0.1696

Complementary

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



23.6898, 0.4773, 0.2445



73.4551, 0.2714, 0.4921

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.



23.6898, 0.1063, 0.2525



23.6898, 0.4773, 0.2445



23.6898, 0.2494, 0.5789

Square

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



23.6898, 0.4773, 0.2445



23.6898, 0.4828, 0.4991



23.6898, 0.1528, 0.4151



23.6898, 0.1319, 0.1413

Rectangle

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



23.6898, 0.4773, 0.2445



23.6898, 0.5798, 0.3724



23.6898, 0.1528, 0.4151



23.6898, 0.0998, 0.1896

Sweetspot

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



23.6893, 0.4773, 0.2445



60.5382, 0.3434, 0.2920



12.8303, 0.2062, 0.0939



11.9593, 0.3497, 0.2860



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.



23.6893, 0.4773, 0.2445



22.8643, 0.4964, 0.2508



21.8648, 0.6270, 0.3289



18.1413, 0.3214, 0.3170



11.9773, 0.4927, 0.2488



1.1883, 0.4678, 0.2351

Inverse Universe

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



23.6893, 0.4773, 0.2445



22.8643, 0.4964, 0.2508



78.6504, 0.2268, 0.3335



18.1413, 0.3214, 0.3170



11.9773, 0.4927, 0.2488



1.1883, 0.4678, 0.2351

Previews

White Background



This preview shows how the Yxy color 23.6898, 0.4773, 0.2445 looks on a white background.

Color Contrast Check

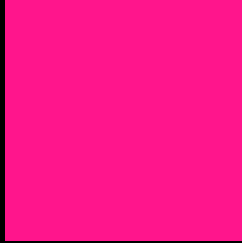
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6898, 0.4773, 0.2445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

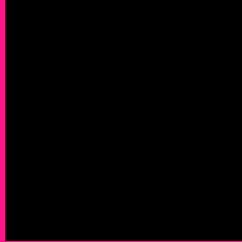
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.6898, 0.4773, 0.2445

Background



This preview shows how black text looks on a background with the Yxy color 23.6898, 0.4773, 0.2445.



This preview shows how white text looks on a background with the Yxy color 23.6898, 0.4773, 0.2445.

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

23.6898, 0.4773, 0.2445

Protanopia

24.0522, 0.2353, 0.2243

Deuteranopia

23.9398, 0.3362, 0.3307



Tritanopia

23.8511, 0.5808, 0.3292

Trichromacy



Original Color

23.6898, 0.4773, 0.2445



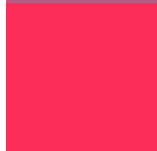
Protanomaly

18.6552, 0.2999, 0.2075



Deuteranomaly

19.6972, 0.3932, 0.2705



Tritanomaly

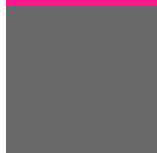
23.2768, 0.5522, 0.3000

Monochromacy



Original Color

23.6898, 0.4773, 0.2445



Achromatopsia

14.1263, 0.3127, 0.3290



Achromatomaly

13.6791, 0.3843, 0.2600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.6898, 0.4773, 0.2445 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(255, 21, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 21, 140)  
}
```

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(255, 21, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 21, 140) }
```

Border

The CSS property to change the border of an element to Yxy 23.6898, 0.4773, 0.2445 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(255, 21, 140) }
```

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

```
.border{ border-color:rgb(255, 21, 140) }
```

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

Here you see how a box with a 4 pixel rgb(255, 21, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 21, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 21, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 21,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 23.6898, 0.4773, 0.2445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 21, 140) }
```

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

```
.background{ background-color: rgb(255, 21,  
140) }
```

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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