

Converting Colors

Yxy(23.4034, 0.4888, 0.2503)

Have a look what the booklet for
Yxy(23.4034, 0.4888, 0.2503)
contains.

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Color

Yxy(23.4192, 0.4892, 0.2507)

Conversions

Conversions Part 1

Format	Color
Hex	FF1385
RGB	255, 19, 133
RGB Percent	100%, 7%, 52%
CMY	0.0001, 0.9247, 0.4785
CMYK	0.00, 0.92, 0.48, 0.00
HSL	331°, 100%, 54%
HSV	331°, 92%, 100%
XYZ	45.6987, 23.4192, 24.2973
YIQ	102.5600, 104.0620, 85.4860

Conversions

Conversions Part 2

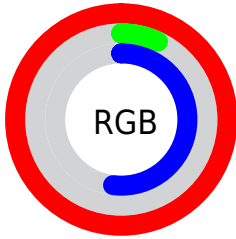
Format	Color
R_{YB}	255, 19, 133
Decimal	16716677
CIE Lab	55.50, 83.51, 1.97
CIE LCh	56, 83.531, 1.350
Yxy	23.4192, 0.4892, 0.2507
Android (android.graphics.Color)	4294906757 (0xFFFF1385)
YUV	102.5600, 15.0069, 133.6899
Hunter-Lab	48.3934, 83.8723, 4.1071

Details

The Yxy color **23.4192, 0.4892, 0.2507** 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 **73.5723, 0.2692, 0.4849**, and the grayscale version is **13.4100, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.7058, 0.3932, 0.2479**, and **11.7165, 0.5219, 0.2649** is the 20% darker color. If you saturate the color by 10%, you get **22.6865, 0.5076, 0.2570**, and if you desaturate by 10%, it is **25.1895, 0.4635, 0.2465**.

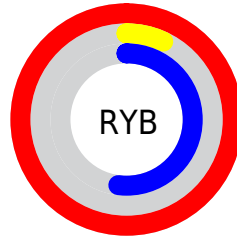
Distribution



Red (100%)

Green (7%)

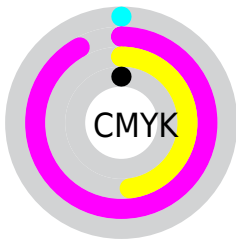
Blue (52%)



Red (100%)

Yellow (7%)

Blue (52%)

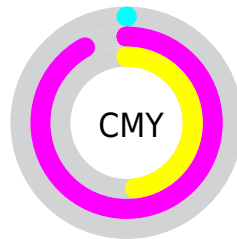


Cyan (0%)

Magenta (92%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (92%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4192, 0.4892, 0.2507 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 23.4192, 0.4892, 0.2507 by changing the saturation by 10% instead.


 23.4192, 0.4892,
0.2507


 23.4192, 0.4892,
0.2507


269.8708, 0.3926,
0.2940


 14.9033, 0.5158,
0.2386


 49.0807, 0.4522,
0.2674


 8.7516, 0.5511,
0.2225


 66.9952, 0.4389,
0.2734


 4.5795, 0.5998,
0.2000

 88.8114, 0.4278,
0.2783

 2.0027, 0.6697,
0.1673

 114.9136, 0.4185,
0.2825

 0.6091, 0.7857,
0.1151

 145.6862, 0.4106,
0.2860

 0.0000, 1.0000,
0.0000

181.5137, 0.4038,

 0.0000, 0.0000,

0.2891

0.0000

222.7805, 0.3978,
0.2917

■ 23.4192, 0.4892,
0.2507

■ 23.4192, 0.4892,
0.2507

■ 22.6865, 0.5076,
0.2570


■ 25.1895, 0.4635,
0.2465


■ 28.1755, 0.4374,
0.2478

■ 32.5644, 0.4123,
0.2539

■ 38.5099, 0.3894,
0.2634

■ 46.1453, 0.3692,
0.2752

 55.5896, 0.3518,
0.2880

 66.9508, 0.3372,
0.3011

 80.3283, 0.3250,
0.3139

 95.8149, 0.3149,
0.3261

Harmonies

Analogous

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



23.4192, 0.3379, 0.1874



23.4192, 0.4892, 0.2507



23.4192, 0.5781, 0.3257

Triad

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



23.4192, 0.4892, 0.2507



23.4192, 0.3578, 0.5939



23.4192, 0.1036, 0.1655

Complementary

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



23.4192, 0.4892, 0.2507



73.5723, 0.2692, 0.4849

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.



23.4192, 0.1046, 0.2424



23.4192, 0.4892, 0.2507



23.4192, 0.2396, 0.5695

Square

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



23.4192, 0.4892, 0.2507



23.4192, 0.4736, 0.5079



23.4192, 0.1467, 0.3984



23.4192, 0.1363, 0.1407

Rectangle

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



23.4192, 0.4892, 0.2507



23.4192, 0.5771, 0.3798



23.4192, 0.1467, 0.3984



23.4192, 0.1002, 0.1839

Sweetspot

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



23.4206, 0.4892, 0.2507



60.4401, 0.3450, 0.2938



13.3548, 0.2117, 0.0966



11.9359, 0.3516, 0.2882



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.



23.4206, 0.4892, 0.2507



22.6918, 0.5076, 0.2570



21.9206, 0.6289, 0.3309



18.1331, 0.3218, 0.3176



11.8868, 0.5038, 0.2549



1.1793, 0.4774, 0.2404

Inverse Universe

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



23.4206, 0.4892, 0.2507



22.6918, 0.5076, 0.2570



76.3808, 0.2241, 0.3240



18.1331, 0.3218, 0.3176



11.8868, 0.5038, 0.2549



1.1793, 0.4774, 0.2404

Previews

White Background



This preview shows how the Yxy color 23.4192, 0.4892, 0.2507 looks on a white background.

Color Contrast Check

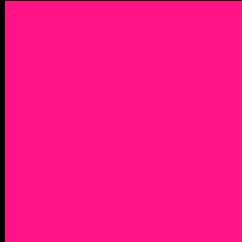
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4192, 0.4892, 0.2507 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 23.4192, 0.4892, 0.2507

Background



This preview shows how black text looks on a background with the Yxy color 23.4192, 0.4892, 0.2507.



This preview shows how white text looks on a background with the Yxy color 23.4192, 0.4892, 0.2507.

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

23.4192, 0.4892, 0.2507

Protanopia

23.8651, 0.2449, 0.2375

Deuteranopia

23.6850, 0.3470, 0.3407



Tritanopia

23.5271, 0.5858, 0.3292

Trichromacy



Original Color

23.4192, 0.4892, 0.2507



Protanomaly

18.4537, 0.3141, 0.2177



Deuteranomaly

19.4699, 0.4058, 0.2789



Tritanomaly

22.9915, 0.5591, 0.3019

Monochromacy



Original Color

23.4192, 0.4892, 0.2507



Achromatopsia

13.5633, 0.3127, 0.3290



Achromatomaly

13.2491, 0.3887, 0.2638

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4192, 0.4892, 0.2507 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, 19, 133)` looks like.

```
.text, #text, p{  
  color:rgb(255, 19, 133)  
}
```

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, 19, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 19, 133) }
```

Border

The CSS property to change the border of an element to Yxy 23.4192, 0.4892, 0.2507 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, 19, 133) }
```

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

```
.border{ border-color:rgb(255, 19, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 19, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 19, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 19, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 19,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4192, 0.4892, 0.2507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 19, 133) }
```

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

```
.background{ background-color: rgb(255, 19,  
133) }
```

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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