

Converting Colors

Yxy(23.1629, 0.4905, 0.2494)

Have a look what the booklet for
Yxy(23.1629, 0.4905, 0.2494)
contains.

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Color

Yxy(23.1705, 0.4901, 0.2491)

Conversions

Conversions Part 1

Format	Color
Hex	FF0A85
RGB	255, 10, 133
RGB Percent	100%, 4%, 52%
CMY	0.0000, 0.9612, 0.4784
CMYK	0.00, 0.96, 0.48, 0.00
HSL	330°, 100%, 52%
HSV	330°, 96%, 100%
XYZ	45.5876, 23.1705, 24.2588
YIQ	97.2770, 106.5370, 90.1930

Conversions

Conversions Part 2

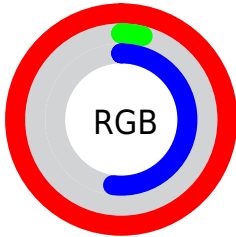
Format	Color
R_{YB}	255, 10, 133
Decimal	16714373
CIE _{Lab}	55.25, 84.29, 1.59
CIE _{LCh}	55, 84.300, 1.084
Yxy	23.1705, 0.4901, 0.2491
Android (android.graphics.Color)	4294904453 (0xFFFF0A85)
YUV	97.2770, 17.6114, 138.3231
Hunter-Lab	48.1357, 84.8131, 3.8149

Details

The Yxy color **23.1705, 0.4901, 0.2491** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **73.2468, 0.2722, 0.4979**, and the grayscale version is **11.9447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.3079, 0.3937, 0.2462**, and **11.7165, 0.5219, 0.2649** is the 20% darker color. If you saturate the color by 10%, you get **22.8205, 0.4992, 0.2523**, and if you desaturate by 10%, it is **24.5508, 0.4660, 0.2433**.

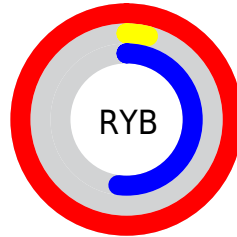
Distribution



Red (100%)

Green (4%)

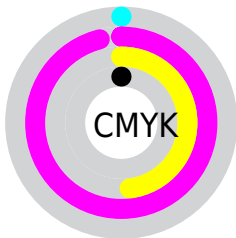
Blue (52%)



Red (100%)

Yellow (4%)

Blue (52%)

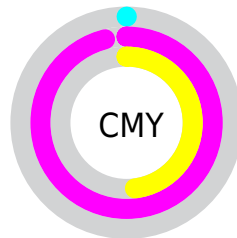


Cyan (0%)

Magenta (96%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (96%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1705, 0.4901, 0.2491 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 23.1705, 0.4901, 0.2491 by changing the saturation by 10% instead.


 23.1705, 0.4901,
0.2491


 23.1705, 0.4901,
0.2491


268.5995, 0.3929,
0.2932


 14.7195, 0.5168,
0.2368


 48.6731, 0.4529,
0.2661


 8.6227, 0.5524,
0.2204


 66.4935, 0.4394,
0.2722


 4.4959, 0.6015,
0.1976


 88.2058, 0.4283,
0.2773

 1.9547, 0.6718,
0.1645

 114.1944, 0.4190,
0.2815

 0.5809, 0.7896,
0.1109

 144.8436, 0.4110,
0.2851

 0.0000, 1.0000,
0.0000

180.5380, 0.4042,

 0.0000, 0.0000,

0.2882

0.0000

221.6618, 0.3982,
0.2909

■ 23.1705, 0.4901,
0.2491

■ 23.1705, 0.4901,
0.2491

■ 22.8205, 0.4992,
0.2523

■ 24.5508, 0.4660,
0.2433

■ 27.0675, 0.4411,
0.2431

■ 30.9211, 0.4167,
0.2480

■ 36.2749, 0.3941,
0.2569

■ 43.2688, 0.3738,
0.2684

■ 52.0262, 0.3562,
0.2814

■ 62.6587, 0.3412,
0.2950

■ 75.2687, 0.3286,
0.3085

■ 89.9509, 0.3182,
0.3214

Harmonies

Analogous

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



23.1705, 0.3367, 0.1857



23.1705, 0.4901, 0.2491



23.1705, 0.5807, 0.3243

Triad

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



23.1705, 0.4901, 0.2491



23.1705, 0.3583, 0.5962



23.1705, 0.1019, 0.1643

Complementary

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



23.1705, 0.4901, 0.2491



73.2468, 0.2722, 0.4979

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.



23.1705, 0.1030, 0.2421



23.1705, 0.4901, 0.2491



23.1705, 0.2393, 0.5742

Square

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



23.1705, 0.4901, 0.2491



23.1705, 0.4753, 0.5079



23.1705, 0.1455, 0.4008



23.1705, 0.1344, 0.1392

Rectangle

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



23.1705, 0.4901, 0.2491



23.1705, 0.5798, 0.3785



23.1705, 0.1455, 0.4008



23.1705, 0.0985, 0.1829

Sweetspot

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



23.1681, 0.4901, 0.2491



59.4001, 0.3452, 0.2911



12.0518, 0.2013, 0.0895



11.7438, 0.3516, 0.2853



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.



23.1681, 0.4901, 0.2491



22.8205, 0.4992, 0.2523



21.5063, 0.6343, 0.3293



18.1393, 0.3215, 0.3171



11.9544, 0.4955, 0.2503



1.1860, 0.4702, 0.2364

Inverse Universe

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



23.1681, 0.4901, 0.2491



22.8205, 0.4992, 0.2523



78.5435, 0.2264, 0.3337



18.1393, 0.3215, 0.3171



11.9544, 0.4955, 0.2503



1.1860, 0.4702, 0.2364

Previews

White Background



This preview shows how the Yxy color 23.1705, 0.4901, 0.2491 looks on a white background.

Color Contrast Check

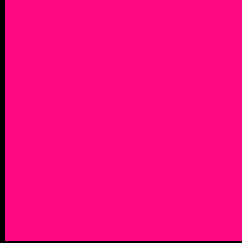
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1705, 0.4901, 0.2491 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 23.1705, 0.4901, 0.2491

Background



This preview shows how black text looks on a background with the Yxy color 23.1705, 0.4901, 0.2491.



This preview shows how white text looks on a background with the Yxy color 23.1705, 0.4901, 0.2491.

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

23.1705, 0.4901, 0.2491

Protanopia

23.6158, 0.2425, 0.2331

Deuteranopia

23.3275, 0.3461, 0.3391



Tritanopia

23.3218, 0.5890, 0.3292

Trichromacy



Original Color

23.1705, 0.4901, 0.2491



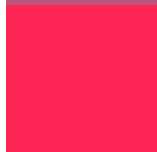
Protanomaly

17.7560, 0.3106, 0.2099



Deuteranomaly

18.6947, 0.4062, 0.2736



Tritanomaly

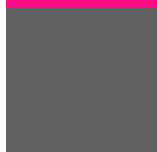
22.6431, 0.5624, 0.3006

Monochromacy



Original Color

23.1705, 0.4901, 0.2491



Achromatopsia

11.9538, 0.3127, 0.3290



Achromatomaly

11.7764, 0.3930, 0.2567

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1705, 0.4901, 0.2491 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, 10, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 10, 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, 10, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 10, 133) }
```

Border

The CSS property to change the border of an element to Yxy 23.1705, 0.4901, 0.2491 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, 10, 133) }
```

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

```
.border{ border-color:rgb(255, 10, 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, 10, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 10, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 10, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 10,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1705, 0.4901, 0.2491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 10, 133) }
```

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

```
.background{ background-color: rgb(255, 10,  
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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