

Converting Colors

$Yxy(22.4072, 0.5443, 0.2793)$

Have a look what the booklet for
Yxy(22.4072, 0.5443, 0.2793)
contains.

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Color

Yxy(22.3972, 0.5448, 0.2795)

Conversions

Conversions Part 1

Format	Color
Hex	FF0A64
RGB	255, 10, 100
RGB Percent	100%, 4%, 39%
CMY	0.0000, 0.9615, 0.6078
CMYK	0.00, 0.96, 0.61, 0.00
HSL	338°, 100%, 52%
HSV	338°, 96%, 100%
XYZ	43.6565, 22.3972, 14.0794
YIQ	93.5150, 117.1300, 79.9300

Conversions

Conversions Part 2

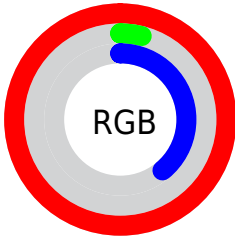
Format	Color
R_{YB}	255, 10, 100
Decimal	16714340
CIE _{Lab}	54.45, 82.13, 20.32
CIE _{LCh}	54, 84.611, 13.898
Yxy	22.3972, 0.5448, 0.2795
Android (android.graphics.Color)	4294904420 (0xFFFF0A64)
YUV	93.5150, 3.1971, 141.6223
Hunter-Lab	47.3257, 81.8409, 15.4892

Details

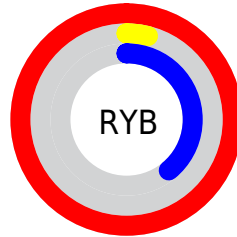
The Yxy color **22.3972, 0.5448, 0.2795** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **74.2935, 0.2592, 0.4515**, and the grayscale version is **11.0190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.5764, 0.4411, 0.2801**, and **11.2135, 0.5822, 0.2981** is the 20% darker color. If you saturate the color by 10%, you get **22.0644, 0.5557, 0.2835**, and if you desaturate by 10%, it is **23.7450, 0.5142, 0.2713**.

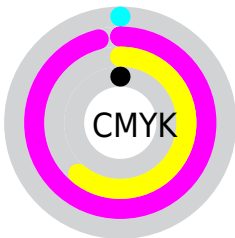
Distribution



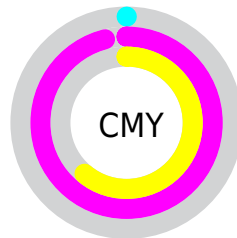
- Red (100%)
- Green (4%)
- Blue (39%)



- Red (100%)
- Yellow (4%)
- Blue (39%)



- Cyan (0%)
- Magenta (96%)
- Yellow (61%)
- Black (0%)





- Cyan (0%)
- Magenta (96%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.3972, 0.5448, 0.2795 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 22.3972, 0.5448, 0.2795 by changing the saturation by 10% instead.


 22.3972, 0.5448,
0.2795


 22.3972, 0.5448,
0.2795


264.6136, 0.4163,
0.3128


 14.1490, 0.5797,
0.2681


 47.4016, 0.4957,
0.2939


 8.2244, 0.6252,
0.2515


 64.9267, 0.4779,
0.2986


 4.2389, 0.6857,
0.2266

 86.3128, 0.4631,
0.3023

 1.8081, 0.7763,
0.1900

 111.9444, 0.4507,
0.3052

 0.4922, 0.8841,
0.1159

 142.2059, 0.4402,
0.3077

 0.0000, 1.0000,
0.0000

177.4817, 0.4311,

 0.0000, 0.0000,

0.3097

0.0000

218.1561, 0.4232,
0.3114

■ 22.3972, 0.5448,
0.2795

■ 22.3972, 0.5448,
0.2795

■ 22.0644, 0.5557,
0.2835

■ 23.7450, 0.5142,
0.2713

■ 26.2513, 0.4812,
0.2683

■ 30.1171, 0.4484,
0.2703

■ 35.5074, 0.4179,
0.2760

■ 42.5635, 0.3909,
0.2843

■ 51.4105, 0.3678,
0.2939

■ 62.1612, 0.3485,
0.3039

■ 74.9192, 0.3326,
0.3139

■ 89.7806, 0.3195,
0.3234

Harmonies

Analogous

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



22.3972, 0.4046, 0.2089



22.3972, 0.5448, 0.2795



22.3972, 0.5886, 0.3576

Triad

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



22.3972, 0.5448, 0.2795



22.3972, 0.3055, 0.6121



22.3972, 0.1096, 0.1468

Complementary

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



22.3972, 0.5448, 0.2795



74.2935, 0.2592, 0.4515

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.



22.3972, 0.0963, 0.1985



22.3972, 0.5448, 0.2795



22.3972, 0.1919, 0.5141

Square

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



22.3972, 0.5448, 0.2795



22.3972, 0.4269, 0.5529



22.3972, 0.1190, 0.3225



22.3972, 0.1585, 0.1373

Rectangle

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



22.3972, 0.5448, 0.2795



22.3972, 0.5599, 0.4164



22.3972, 0.1190, 0.3225



22.3972, 0.1016, 0.1582

Sweetspot

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



22.3934, 0.5448, 0.2795



58.8945, 0.3537, 0.3010



15.0119, 0.2287, 0.1045



11.6243, 0.3619, 0.2967



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.



22.3934, 0.5448, 0.2795



22.0644, 0.5557, 0.2835



22.6952, 0.6255, 0.3380



18.0975, 0.3236, 0.3203



11.5554, 0.5514, 0.2811



1.1453, 0.5202, 0.2640

Inverse Universe

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



22.3934, 0.5448, 0.2795



22.0644, 0.5557, 0.2835



61.8918, 0.2150, 0.2926



18.0975, 0.3236, 0.3203



11.5554, 0.5514, 0.2811



1.1453, 0.5202, 0.2640

Previews

White Background



This preview shows how the Yxy color 22.3972, 0.5448, 0.2795 looks on a white background.

Color Contrast Check

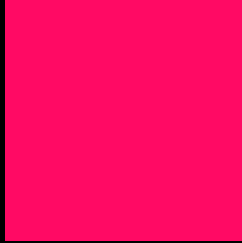
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3972, 0.5448, 0.2795 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 22.3972, 0.5448, 0.2795

Background



This preview shows how black text looks on a background with the Yxy color 22.3972, 0.5448, 0.2795.



This preview shows how white text looks on a background with the Yxy color 22.3972, 0.5448, 0.2795.

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

22.3972, 0.5448, 0.2795

Protanopia

22.7077, 0.2950, 0.3014

Deuteranopia

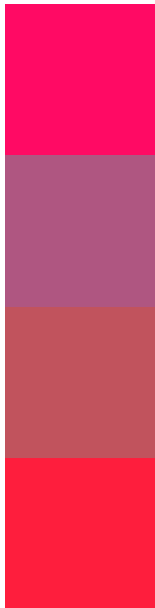
22.5566, 0.3960, 0.3876



Tritanopia

22.6085, 0.6102, 0.3312

Trichromacy



Original Color

22.3972, 0.5448, 0.2795

Protanomaly

17.3545, 0.3834, 0.2665

Deuteranomaly

18.3143, 0.4679, 0.3166

Tritanomaly

22.3363, 0.5939, 0.3145

Monochromacy



Original Color

22.3972, 0.5448, 0.2795

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

11.0749, 0.4185, 0.2753

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3972, 0.5448, 0.2795 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, 100)` looks like.

```
.text, #text, p{  
    color:rgb(255, 10, 100)  
}
```

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, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 10, 100) }
```

Border

The CSS property to change the border of an element to Yxy 22.3972, 0.5448, 0.2795 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, 100) }
```

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

```
.border{ border-color:rgb(255, 10, 100) }
```

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, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 10, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 10, 100);  
box-shadow:4px 4px 4px 4px rgb(255, 10,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3972, 0.5448, 0.2795 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, 100) }
```

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

```
.background{ background-color: rgb(255, 10,  
100) }
```

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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