

Converting Colors

Yxy(22.4519, 0.4599, 0.2307)

Have a look what the booklet for
Yxy(22.4519, 0.4599, 0.2307)
contains.

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Color

Yxy(22.4621, 0.4605, 0.2310)

Conversions

Conversions Part 1

Format	Color
Hex	FA0094
RGB	250, 0, 148
RGB Percent	98%, 0%, 58%
CMY	0.0195, 1.0000, 0.4196
CMYK	0.00, 1.00, 0.41, 0.02
HSL	324°, 100%, 49%
HSV	324°, 100%, 98%
XYZ	44.7783, 22.4621, 29.9981
YIQ	91.6220, 101.4920, 99.0280

Conversions

Conversions Part 2

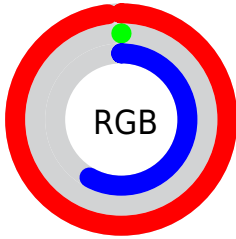
Format	Color
R_{YB}	250, 0, 148
Decimal	16384148
CIE _{Lab}	54.51, 85.12, -8.56
CIE _{LCh}	55, 85.547, 354.255
Yxy	22.4621, 0.4605, 0.2310
Android (android.graphics.Color)	4294574228 (0xFFFA0094)
YUV	91.6220, 27.7944, 138.8975
Hunter-Lab	47.3942, 85.7081, -4.3516

Details

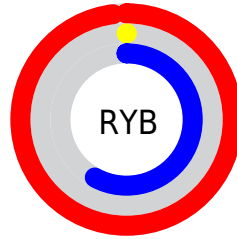
The Yxy color **22.4621, 0.4605, 0.2310** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **69.3491, 0.2815, 0.5336**, and the grayscale version is **10.5312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.4479, 0.3748, 0.2291**, and **11.4279, 0.4882, 0.2463** is the 20% darker color. If you saturate the color by 10%, you get **22.4680, 0.4605, 0.2310**, and if you desaturate by 10%, it is **23.5009, 0.4419, 0.2259**.

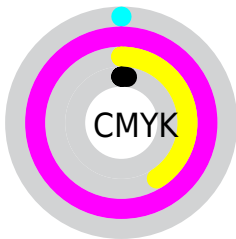
Distribution



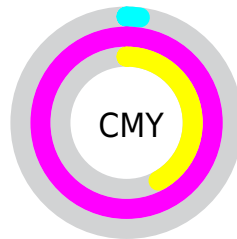
- Red (98%)
- Green (0%)
- Blue (58%)



- Red (98%)
- Yellow (0%)
- Blue (58%)



- Cyan (0%)
- Magenta (100%)
- Yellow (41%)
- Black (2%)




- Cyan (2%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.4621, 0.4605, 0.2310 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 22.4621, 0.4605, 0.2310 by changing the saturation by 10% instead.

 22.4621, 0.4605,
0.2310


 22.4621, 0.4605,
0.2310


264.9501, 0.3804,
0.2825


 14.1968, 0.4824,
0.2175


 47.5086, 0.4299,
0.2502


 8.2577, 0.5115,
0.2000


 65.0586, 0.4189,
0.2573


 4.2603, 0.5518,
0.1764

 86.4723, 0.4097,
0.2632

 1.8202, 0.6103,
0.1437

 112.1341, 0.4020,
0.2683

 0.4997, 0.7061,
0.0888

 142.4283, 0.3954,
0.2726

 0.0000, 1.0000,
0.0000

177.7395, 0.3897,

 0.0000, 0.0000,

0.2764

0.0000

218.4519, 0.3847,
0.2796

■ 22.4621, 0.4605,
0.2310

■ 22.4621, 0.4605,
0.2310

■ 22.4680, 0.4605,
0.2310

■ 23.5009, 0.4419,
0.2259

■ 25.4539, 0.4228,
0.2257

■ 28.6020, 0.4037,
0.2307

■ 33.1123, 0.3855,
0.2401

■ 39.1249, 0.3688,
0.2528

■ 46.7623, 0.3539,
0.2674

■ 56.1343, 0.3409,
0.2830

■ 67.3411, 0.3298,
0.2988

■ 80.4752, 0.3205,
0.3143

Harmonies

Analogous

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



22.4621, 0.3027, 0.1718



22.4621, 0.4605, 0.2310



22.4621, 0.5755, 0.3051

Triad

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



22.4621, 0.4605, 0.2310



22.4621, 0.3850, 0.5856



22.4621, 0.0960, 0.1731

Complementary

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



22.4621, 0.4605, 0.2310



69.3491, 0.2815, 0.5336

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.



22.4621, 0.1049, 0.2686



22.4621, 0.4605, 0.2310



22.4621, 0.2632, 0.6028

Square

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



22.4621, 0.4605, 0.2310



22.4621, 0.5013, 0.4853



22.4621, 0.1591, 0.4486



22.4621, 0.1208, 0.1384

Rectangle

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



22.4621, 0.4605, 0.2310



22.4621, 0.5905, 0.3581



22.4621, 0.1591, 0.4486



22.4621, 0.0950, 0.1963

Sweetspot

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



22.4680, 0.4605, 0.2310



58.6704, 0.3409, 0.2830



9.6140, 0.1827, 0.0780



11.6242, 0.3462, 0.2763



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.



22.4680, 0.4605, 0.2310



23.4929, 0.4607, 0.2311



20.3996, 0.6309, 0.3249



17.3977, 0.3201, 0.3150



11.9438, 0.4576, 0.2294



1.1272, 0.4367, 0.2179

Inverse Universe

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



22.4680, 0.4605, 0.2310



23.4929, 0.4607, 0.2311



73.8272, 0.2336, 0.3608



17.3977, 0.3201, 0.3150



11.9438, 0.4576, 0.2294



1.1272, 0.4367, 0.2179

Previews

White Background



This preview shows how the Yxy color 22.4621, 0.4605, 0.2310 looks on a white background.

Color Contrast Check

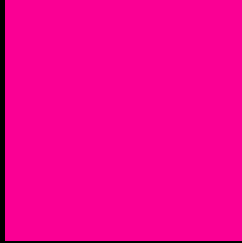
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4621, 0.4605, 0.2310 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 22.4621, 0.4605, 0.2310

Background



This preview shows how black text looks on a background with the Yxy color 22.4621, 0.4605, 0.2310.



This preview shows how white text looks on a background with the Yxy color 22.4621, 0.4605, 0.2310.

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

22.4621, 0.4605, 0.2310

Protanopia

23.1633, 0.2200, 0.2039

Deuteranopia

22.9953, 0.3193, 0.3139



Tritanopia

22.8667, 0.5762, 0.3291

Trichromacy



Original Color

22.4621, 0.4605, 0.2310



Protanomaly

16.6773, 0.2783, 0.1805



Deuteranomaly

17.6317, 0.3742, 0.2462



Tritanomaly

21.9331, 0.5456, 0.2920

Monochromacy



Original Color

22.4621, 0.4605, 0.2310



Achromatopsia

10.7023, 0.3127, 0.3290



Achromatomaly

10.6873, 0.3831, 0.2425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.4621, 0.4605, 0.2310 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(250, 0, 148)` looks like.

```
.text, #text, p{  
    color:rgb(250, 0, 148)  
}
```

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(250, 0, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 0, 148) }
```

Border

The CSS property to change the border of an element to Yxy 22.4621, 0.4605, 0.2310 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(250, 0, 148) }
```

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

```
.border{ border-color:rgb(250, 0, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 0, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 0, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 0, 148);  
box-shadow:4px 4px 4px 4px rgb(250, 0,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 22.4621, 0.4605, 0.2310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 0, 148) }
```

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

```
.background{ background-color: rgb(250, 0,  
148) }
```

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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