

Converting Colors

$Yxy(22.3650, 0.3024, 0.1439)$

Have a look what the booklet for
Yxy(22.3650, 0.3024, 0.1439)
contains.

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Color

Yxy(22.4184, 0.3031, 0.1443)

Conversions

Conversions Part 1

Format	Color
Hex	E100F2
RGB	225, 0, 242
RGB Percent	88%, 0%, 95%
CMY	0.1175, 1.0000, 0.0510
CMYK	0.07, 1.00, 0.00, 0.05
HSL	296°, 100%, 47%
HSV	296°, 100%, 95%
XYZ	47.0895, 22.4184, 85.8518
YIQ	94.8630, 56.4180, 122.9620

Conversions

Conversions Part 2

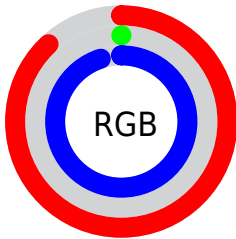
Format	Color
R _Y B	225, 0, 242
Decimal	14745842
CIE Lab	54.47, 91.90, -63.27
CIE LCh	54, 111.571, 325.452
Yxy	22.4184, 0.3031, 0.1443
Android (android.graphics.Color)	4292935922 (0xFFE100F2)
YUV	94.8630, 72.5385, 114.1301
Hunter-Lab	47.3481, 94.6661, -74.3613

Details

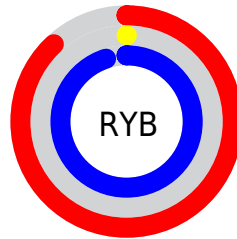
The Yxy color **22.4184, 0.3031, 0.1443** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **63.6248, 0.3012, 0.5991**, and the grayscale version is **11.2268, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.4037, 0.3194, 0.1874**, and **11.3953, 0.2925, 0.1385** is the 20% darker color. If you saturate the color by 10%, you get **22.4264, 0.3031, 0.1443**, and if you desaturate by 10%, it is **23.3619, 0.3049, 0.1485**.

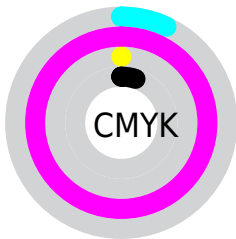
Distribution



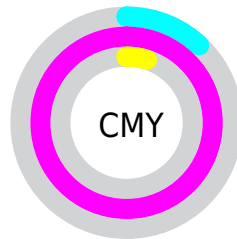
- Red (88%)
- Green (0%)
- Blue (95%)



- Red (88%)
- Yellow (0%)
- Blue (95%)



- Cyan (7%)
- Magenta (100%)
- Yellow (0%)
- Black (5%)



- Cyan (12%)
- Magenta (100%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.4184, 0.3031, 0.1443 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 22.4184, 0.3031, 0.1443 by changing the saturation by 10% instead.


 22.4184, 0.3031,
0.1443

 22.4184, 0.3031,
0.1443


264.7235, 0.3140,
0.2272


 14.1647, 0.2989,
0.1271


 47.4366, 0.3083,
0.1719

 8.2353, 0.2927,
0.1070


 64.9698, 0.3099,
0.1830


 4.2459, 0.2835,
0.0838


 86.3649, 0.3111,
0.1927

 1.8120, 0.2693,
0.0577

 112.0064, 0.3120,
0.2013

 0.4947, 0.2473,
0.0275

 142.2786, 0.3127,
0.2089

 0.0000, 0.2109,
0.0000

177.5659, 0.3132,

 0.0000, 0.1454,

0.2157

0.0000

218.2528, 0.3136,
0.2217

■ 0.0000, 0.0000,
0.0000

■ 22.4184, 0.3031,
0.1443

■ 22.4184, 0.3031,
0.1443

■ 22.4264, 0.3031,
0.1443

■ 23.3619, 0.3049,
0.1485

■ 25.1238, 0.3065,
0.1564

■ 27.9691, 0.3081,
0.1687

■ 32.0511, 0.3094,
0.1853

■ 37.4984, 0.3105,
0.2056

■ 44.4234, 0.3114,
0.2286

■ 52.9270, 0.3120,
0.2534

■ 63.1011, 0.3125,
0.2789

■ 75.0307, 0.3127,
0.3043

Harmonies

Analogous

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



22.4184, 0.1614, 0.1094



22.4184, 0.3031, 0.1443



22.4184, 0.5083, 0.2097

Triad

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



22.4184, 0.3031, 0.1443



22.4184, 0.5088, 0.4912



22.4184, 0.0670, 0.2360

Complementary

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



22.4184, 0.3031, 0.1443



63.6248, 0.3012, 0.5991

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.



22.4184, 0.1147, 0.4740



22.4184, 0.3031, 0.1443



22.4184, 0.3621, 0.6379

Square

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



22.4184, 0.3031, 0.1443



22.4184, 0.6249, 0.3727



22.4184, 0.2236, 0.6933



22.4184, 0.0640, 0.1357

Rectangle

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



22.4184, 0.3031, 0.1443



22.4184, 0.6163, 0.2612



22.4184, 0.2236, 0.6933



22.4184, 0.0763, 0.2980

Sweetspot

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



22.4264, 0.3031, 0.1443



59.5178, 0.3120, 0.2531



6.9172, 0.1512, 0.0642



11.8261, 0.3118, 0.2425



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.



22.4264, 0.3031, 0.1443



25.2478, 0.3031, 0.1443



20.8059, 0.4638, 0.2329



15.9718, 0.3127, 0.3057



12.0724, 0.3034, 0.1445



1.0211, 0.3059, 0.1459

Inverse Universe

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



18.9181, 0.6344, 0.3268



21.3032, 0.6347, 0.3270



64.4424, 0.2807, 0.5306



15.7768, 0.3282, 0.3274



10.1697, 0.6326, 0.3258



0.8523, 0.6140, 0.3156

Previews

White Background



This preview shows how the Yxy color 22.4184, 0.3031, 0.1443 looks on a white background.

Color Contrast Check

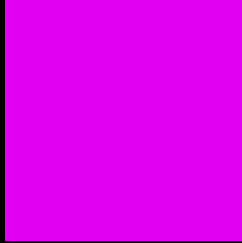
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4184, 0.3031, 0.1443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

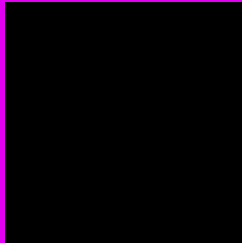
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.4184, 0.3031, 0.1443

Background



This preview shows how black text looks on a background with the Yxy color 22.4184, 0.3031, 0.1443.



This preview shows how white text looks on a background with the Yxy color 22.4184, 0.3031, 0.1443.

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

22.4184, 0.3031, 0.1443

Protanopia

23.3884, 0.1834, 0.1577

Deuteranopia

23.2172, 0.1940, 0.1875



Tritanopia

22.5339, 0.4640, 0.3222

Trichromacy



Original Color

22.4184, 0.3031, 0.1443



Protanomaly

16.4318, 0.2007, 0.1209



Deuteranomaly

16.1621, 0.2102, 0.1343



Tritanomaly

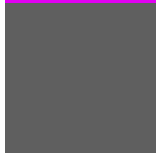
19.7949, 0.4048, 0.2289

Monochromacy



Original Color

22.4184, 0.3031, 0.1443



Achromatopsia

11.4435, 0.3127, 0.3290



Achromatomaly

11.1206, 0.3100, 0.1903

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.4184, 0.3031, 0.1443 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(225, 0, 242)` looks like.

```
.text, #text, p{  
    color:rgb(225, 0, 242)  
}
```

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(225, 0, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 0, 242) }
```

Border

The CSS property to change the border of an element to Yxy 22.4184, 0.3031, 0.1443 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(225, 0, 242) }
```

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

```
.border{ border-color:rgb(225, 0, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 0, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 0, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 0, 242);  
box-shadow:4px 4px 4px 4px rgb(225, 0,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 22.4184, 0.3031, 0.1443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 0, 242) }
```

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

```
.background{ background-color: rgb(225, 0,  
242) }
```

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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