

Converting Colors

$Y_{xy}(22.4073, 0.3213, 0.1544)$

Have a look what the booklet for
Yxy(22.4073, 0.3213, 0.1544)
contains.

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Color

Yxy(22.3152, 0.3209, 0.1542)

Conversions

Conversions Part 1

Format	Color
Hex	E501E5
RGB	229, 1, 229
RGB Percent	90%, 0%, 90%
CMY	0.1022, 0.9979, 0.1021
CMYK	0.00, 1.00, 0.00, 0.10
HSL	300°, 100%, 45%
HSV	300°, 100%, 90%
XYZ	46.4393, 22.3152, 75.9614
YIQ	95.1640, 62.7000, 119.2440

Conversions

Conversions Part 2

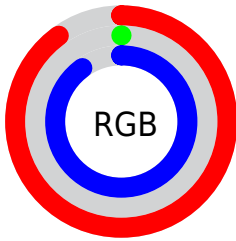
Format	Color
R _Y B	229, 1, 229
Decimal	15008229
CIE Lab	54.36, 90.53, -56.07
CIE LCh	54, 106.491, 328.229
Yxy	22.3152, 0.3209, 0.1542
Android (android.graphics.Color)	4293198309 (0xFFE501E5)
YUV	95.1640, 65.9811, 117.3742
Hunter-Lab	47.2390, 92.8103, -62.2725

Details

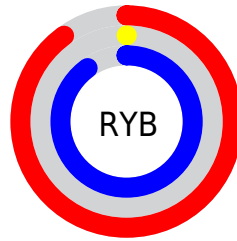
The Yxy color **22.3152, 0.3209, 0.1542** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **56.0232, 0.3000, 0.5999**, and the grayscale version is **11.2393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.4037, 0.3194, 0.1874**, and **11.3420, 0.3138, 0.1502** is the 20% darker color. If you saturate the color by 10%, you get **22.3047, 0.3209, 0.1541**, and if you desaturate by 10%, it is **22.9349, 0.3208, 0.1574**.

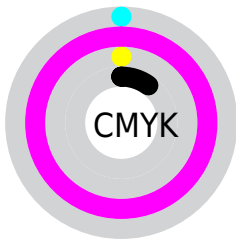
Distribution



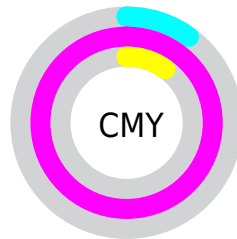
- Red (90%)
- Green (0%)
- Blue (90%)



- Red (90%)
- Yellow (0%)
- Blue (90%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (10%)





- Cyan (10%)
- Magenta (100%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.3152, 0.3209, 0.1542 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 22.3152, 0.3209, 0.1542 by changing the saturation by 10% instead.


 22.3152, 0.3209,
0.1542


 22.3152, 0.3209,
0.1542


264.1879, 0.3220,
0.2342


 14.0887, 0.3191,
0.1371


 47.2664, 0.3225,
0.1812


 8.1824, 0.3160,
0.1168


 64.7599, 0.3227,
0.1920


 4.2119, 0.3107,
0.0930


 86.1111, 0.3228,
0.2014

 1.7928, 0.3013,
0.0655

 111.7046, 0.3228,
0.2096

 0.4827, 0.2853,
0.0319

 141.9246, 0.3226,
0.2168

 0.0000, 0.2546,
0.0000

177.1555, 0.3225,

 0.0000, 0.1854,

0.2233

0.0000

217.7819, 0.3223,
0.2290

■ 0.0000, 0.0000,
0.0000

■ 22.3152, 0.3209,
0.1542

■ 22.3152, 0.3209,
0.1542

■ 22.3047, 0.3209,
0.1541

■ 22.9349, 0.3208,
0.1574

■ 24.2847, 0.3204,
0.1641

■ 26.5890, 0.3199,
0.1751

■ 29.9804, 0.3192,
0.1904

■ 34.5706, 0.3183,
0.2093

■ 40.4575, 0.3173,
0.2312

■ 47.7287, 0.3162,
0.2551

■ 56.4645, 0.3150,
0.2800

■ 66.7388, 0.3138,
0.3051

Harmonies

Analogous

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



22.3152, 0.1756, 0.1165



22.3152, 0.3209, 0.1542



22.3152, 0.5181, 0.2211

Triad

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



22.3152, 0.3209, 0.1542



22.3152, 0.4954, 0.5046



22.3152, 0.0712, 0.2273

Complementary

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



22.3152, 0.3209, 0.1542



56.0232, 0.3000, 0.5999

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.



22.3152, 0.1149, 0.4420



22.3152, 0.3209, 0.1542



22.3152, 0.3553, 0.6447

Square

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



22.3152, 0.3209, 0.1542



22.3152, 0.6102, 0.3859



22.3152, 0.2191, 0.6678



22.3152, 0.0704, 0.1367

Rectangle

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



22.3152, 0.3209, 0.1542



22.3152, 0.6142, 0.2725



22.3152, 0.2191, 0.6678



22.3152, 0.0796, 0.2828

Sweetspot

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



22.3162, 0.3209, 0.1542



60.5192, 0.3162, 0.2541



5.7528, 0.1503, 0.0609



12.0701, 0.3167, 0.2438



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.



22.3162, 0.3209, 0.1542



28.4769, 0.3209, 0.1541



17.9848, 0.4912, 0.2481



14.6152, 0.3138, 0.3059



12.7573, 0.3209, 0.1541



0.9427, 0.3209, 0.1541

Inverse Universe

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



16.6648, 0.6398, 0.3300



21.2600, 0.6401, 0.3300



57.1683, 0.2746, 0.5083



14.3680, 0.3293, 0.3290



9.5243, 0.6401, 0.3300



0.7038, 0.6400, 0.3300

Previews

White Background



This preview shows how the Yxy color 22.3152, 0.3209, 0.1542 looks on a white background.

Color Contrast Check

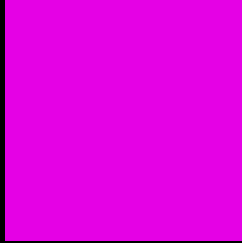
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3152, 0.3209, 0.1542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

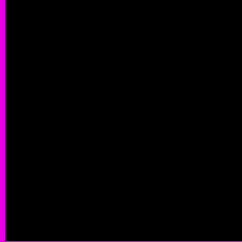
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.3152, 0.3209, 0.1542

Background



This preview shows how black text looks on a background with the Yxy color 22.3152, 0.3209, 0.1542.



This preview shows how white text looks on a background with the Yxy color 22.3152, 0.3209, 0.1542.

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

22.3369, 0.3209, 0.1543

Protanopia

23.1288, 0.1830, 0.1565

Deuteranopia

23.0285, 0.2072, 0.2017



Tritanopia

22.6039, 0.4824, 0.3227

Trichromacy



Original Color

22.3369, 0.3209, 0.1543



Protanomaly

16.2517, 0.2030, 0.1232



Deuteranomaly

16.4945, 0.2304, 0.1475



Tritanomaly

20.1555, 0.4260, 0.2384

Monochromacy



Original Color

22.3369, 0.3209, 0.1543



Achromatopsia

11.4435, 0.3127, 0.3290



Achromatomaly

11.2804, 0.3189, 0.1976

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3152, 0.3209, 0.1542 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(229, 1, 229)` looks like.

```
.text, #text, p{  
    color:rgb(229, 1, 229)  
}
```

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(229, 1, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 1, 229) }
```

Border

The CSS property to change the border of an element to Yxy 22.3152, 0.3209, 0.1542 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(229, 1, 229) }
```

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

```
.border{ border-color:rgb(229, 1, 229) }
```

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

Here you see how a box with a 4 pixel rgb(229, 1, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 1, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 1, 229);  
box-shadow:4px 4px 4px 4px rgb(229, 1,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3152, 0.3209, 0.1542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 1, 229) }
```

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

```
.background{ background-color: rgb(229, 1,  
229) }
```

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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