

Converting Colors

$Y_{xy}(22.5491, 0.3298, 0.1591)$

Have a look what the booklet for
Yxy(22.5491, 0.3298, 0.1591)
contains.

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Color

Yxy(22.5593, 0.3298, 0.1592)

Conversions

Conversions Part 1

Format	Color
Hex	E801E0
RGB	232, 1, 224
RGB Percent	91%, 0%, 88%
CMY	0.0904, 0.9947, 0.1216
CMYK	0.00, 0.99, 0.03, 0.09
HSL	302°, 99%, 46%
HSV	302°, 99%, 91%
XYZ	46.7340, 22.5593, 72.4108
YIQ	95.4910, 66.0930, 118.3250

Conversions

Conversions Part 2

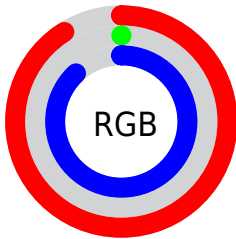
Format	Color
RYB	232, 1, 224
Decimal	15204832
CIELab	54.62, 90.26, -52.82
CIELCh	55, 104.583, 329.664
Yxy	22.5593, 0.3298, 0.1592
Android (android.graphics.Color)	4293394912 (0xFFE801E0)
YUV	95.4910, 63.3549, 119.7184
Hunter-Lab	47.4966, 92.5149, -57.1427

Details

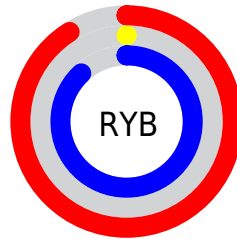
The Yxy color **22.5593, 0.3298, 0.1592** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **57.7201, 0.2996, 0.5980**, and the grayscale version is **11.4507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.5943, 0.3193, 0.1880**, and **11.4851, 0.3253, 0.1566** is the 20% darker color. If you saturate the color by 10%, you get **22.5284, 0.3299, 0.1591**, and if you desaturate by 10%, it is **23.2508, 0.3287, 0.1620**.

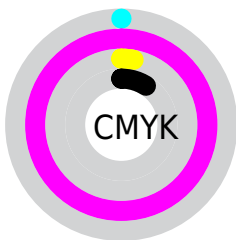
Distribution



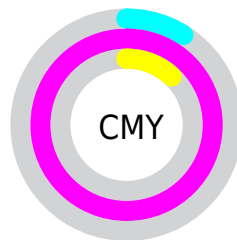
- Red (91%)
- Green (0%)
- Blue (88%)



- Red (91%)
- Yellow (0%)
- Blue (88%)



- Cyan (0%)
- Magenta (99%)
- Yellow (3%)
- Black (9%)





- Cyan (9%)
- Magenta (99%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.5593, 0.3298, 0.1592 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 22.5593, 0.3298, 0.1592 by changing the saturation by 10% instead.


 22.5593, 0.3298,
0.1592


 22.5593, 0.3298,
0.1592


265.4533, 0.3260,
0.2375


 14.2684, 0.3293,
0.1422


 47.6687, 0.3295,
0.1858


 8.3076, 0.3279,
0.1221


 65.2560, 0.3291,
0.1963


 4.2924, 0.3248,
0.0982


 86.7109, 0.3286,
0.2055

 1.8384, 0.3183,
0.0701

 112.4178, 0.3281,
0.2135

 0.5110, 0.3062,
0.0358

 142.7611, 0.3275,
0.2206

 0.0000, 0.2810,
0.0000

178.1252, 0.3270,


 0.0000, 0.2154,


0.2268

0.0000


218.8945, 0.3265,
0.2324


 0.0000, 0.0000,
0.0000


 22.5593, 0.3298,
0.1592

 22.5593, 0.3298,
0.1592


 22.5284, 0.3299,
0.1591

 23.2508, 0.3287,
0.1620

 24.7117, 0.3273,
0.1686

 27.1617, 0.3257,
0.1795

 30.7369, 0.3240,
0.1946

 35.5521, 0.3220,
0.2133

■ 41.7077, 0.3201,
0.2349

■ 49.2943, 0.3181,
0.2582

■ 58.3941, 0.3161,
0.2824

■ 69.0835, 0.3143,
0.3067

Harmonies

Analogous

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



22.5593, 0.1829, 0.1202



22.5593, 0.3298, 0.1592



22.5593, 0.5227, 0.2267

Triad

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



22.5593, 0.3298, 0.1592



22.5593, 0.4888, 0.5112



22.5593, 0.0732, 0.2232

Complementary

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



22.5593, 0.3298, 0.1592



57.7201, 0.2996, 0.5980

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.



22.5593, 0.1148, 0.4271



22.5593, 0.3298, 0.1592



22.5593, 0.3498, 0.6437

Square

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



22.5593, 0.3298, 0.1592



22.5593, 0.6028, 0.3924



22.5593, 0.2165, 0.6543



22.5593, 0.0736, 0.1372

Rectangle

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



22.5593, 0.3298, 0.1592



22.5593, 0.6130, 0.2782



22.5593, 0.2165, 0.6543



22.5593, 0.0811, 0.2758

Sweetspot

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



22.5604, 0.3298, 0.1592



60.3512, 0.3182, 0.2564



5.9118, 0.1510, 0.0608



12.0291, 0.3191, 0.2464



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.



22.5604, 0.3298, 0.1592



27.9258, 0.3299, 0.1591



18.2822, 0.5118, 0.2596



14.6062, 0.3143, 0.3066



12.5158, 0.3297, 0.1590



0.9276, 0.3283, 0.1582

Inverse Universe

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



22.5604, 0.3298, 0.1592



27.9258, 0.3299, 0.1591



59.1637, 0.2697, 0.4907



14.6062, 0.3143, 0.3066



12.5158, 0.3297, 0.1590



0.9276, 0.3283, 0.1582

Previews

White Background



This preview shows how the Yxy color 22.5593, 0.3298, 0.1592 looks on a white background.

Color Contrast Check

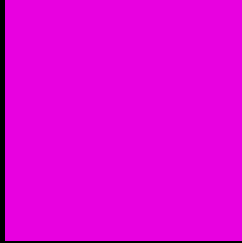
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5593, 0.3298, 0.1592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

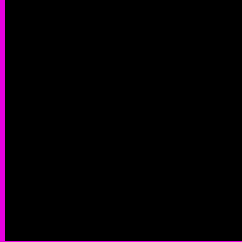
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.5593, 0.3298, 0.1592

Background



This preview shows how black text looks on a background with the Yxy color 22.5593, 0.3298, 0.1592.



This preview shows how white text looks on a background with the Yxy color 22.5593, 0.3298, 0.1592.

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

22.5593, 0.3298, 0.1592

Protanopia

23.4706, 0.1841, 0.1580

Deuteranopia

23.1819, 0.2142, 0.2085



Tritanopia

22.6930, 0.4899, 0.3229

Trichromacy



Original Color

22.5593, 0.3298, 0.1592



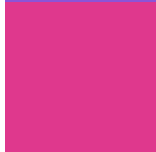
Protanomaly

16.4882, 0.2061, 0.1261



Deuteranomaly

16.8224, 0.2403, 0.1540



Tritanomaly

20.4394, 0.4348, 0.2424

Monochromacy



Original Color

22.5593, 0.3298, 0.1592



Achromatopsia

11.6971, 0.3127, 0.3290



Achromatomaly

11.4482, 0.3219, 0.2007

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.5593, 0.3298, 0.1592 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(232, 1, 224)` looks like.

```
.text, #text, p{  
    color:rgb(232, 1, 224)  
}
```

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(232, 1, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 1, 224) }
```

Border

The CSS property to change the border of an element to Yxy 22.5593, 0.3298, 0.1592 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(232, 1, 224) }
```

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

```
.border{ border-color:rgb(232, 1, 224) }
```

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

Here you see how a box with a 4 pixel rgb(232, 1, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 1, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 1, 224);  
box-shadow:4px 4px 4px 4px rgb(232, 1,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 22.5593, 0.3298, 0.1592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 1, 224) }
```

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

```
.background{ background-color: rgb(232, 1,  
224) }
```

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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