

Converting Colors

Yxy(23.4033, 0.2953, 0.1400)

Have a look what the booklet for
Yxy(23.4033, 0.2953, 0.1400)
contains.

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Color

Yxy(23.3592, 0.2956, 0.1402)

Conversions

Conversions Part 1

Format	Color
Hex	E300FC
RGB	227, 0, 252
RGB Percent	89%, 0%, 99%
CMY	0.1098, 1.0000, 0.0118
CMYK	0.10, 1.00, 0.00, 0.01
HSL	294°, 100%, 49%
HSV	294°, 100%, 99%
XYZ	49.2509, 23.3592, 94.0033
YIQ	96.6010, 54.4000, 126.4960

Conversions

Conversions Part 2

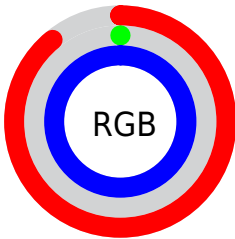
Format	Color
R _Y B	227, 0, 252
Decimal	14876924
CIE Lab	55.44, 93.67, -67.27
CIE LCh	55, 115.320, 324.317
Yxy	23.3592, 0.2956, 0.1402
Android (android.graphics.Color)	4293067004 (0xFFE300FC)
YUV	96.6010, 76.6117, 114.3599
Hunter-Lab	48.3314, 97.3163, -81.4856

Details

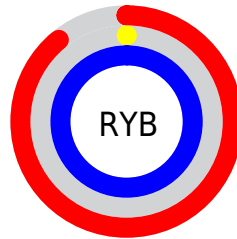
The Yxy color **23.3592, 0.2956, 0.1402** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **69.8236, 0.3018, 0.5986**, and the grayscale version is **11.6520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.5943, 0.3193, 0.1880**, and **12.0020, 0.2846, 0.1341** is the 20% darker color. If you saturate the color by 10%, you get **23.3609, 0.2956, 0.1402**, and if you desaturate by 10%, it is **24.4739, 0.2982, 0.1448**.

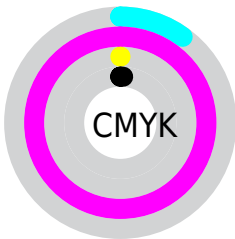
Distribution



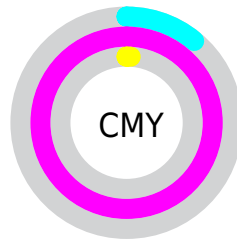
- Red (89%)
- Green (0%)
- Blue (99%)



- Red (89%)
- Yellow (0%)
- Blue (99%)



- Cyan (10%)
- Magenta (100%)
- Yellow (0%)
- Black (1%)




- Cyan (11%)
- Magenta (100%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.3592, 0.2956, 0.1402 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 23.3592, 0.2956, 0.1402 by changing the saturation by 10% instead.


 23.3592, 0.2956,
0.1402


 23.3592, 0.2956,
0.1402


269.5646, 0.3104,
0.2236


 14.8590, 0.2905,
0.1232


 48.9825, 0.3021,
0.1677


 8.7205, 0.2833,
0.1036


 66.8743, 0.3043,
0.1788


 4.5593, 0.2730,
0.0811


 88.6654, 0.3059,
0.1886

 1.9911, 0.2576,
0.0560

 114.7402, 0.3073,
0.1973

 0.6023, 0.2343,
0.0288

 145.4832, 0.3083,
0.2050

 0.0000, 0.1988,
0.0000

181.2786, 0.3091,

 0.0000, 0.1404,

0.2118

0.0000

222.5110, 0.3098,
0.2180

■ 0.0000, 0.0000,
0.0000

■ 23.3592, 0.2956,
0.1402

■ 23.3592, 0.2956,
0.1402

■ 23.3609, 0.2956,
0.1402

■ 24.4739, 0.2982,
0.1448

■ 26.5007, 0.3007,
0.1532

■ 29.7200, 0.3031,
0.1661

■ 34.3015, 0.3053,
0.1833

■ 40.3874, 0.3073,
0.2041

■ 48.1020, 0.3089,
0.2276

■ 57.5567, 0.3103,
0.2528

■ 68.8531, 0.3114,
0.2786

■ 82.0849, 0.3122,
0.3042

Harmonies

Analogous

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



23.3592, 0.1556, 0.1065



23.3592, 0.2956, 0.1402



23.3592, 0.5039, 0.2050

Triad

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



23.3592, 0.2956, 0.1402



23.3592, 0.5146, 0.4854



23.3592, 0.0652, 0.2399

Complementary

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



23.3592, 0.2956, 0.1402



69.8236, 0.3018, 0.5986

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.



23.3592, 0.1146, 0.4883



23.3592, 0.2956, 0.1402



23.3592, 0.3651, 0.6349

Square

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



23.3592, 0.2956, 0.1402



23.3592, 0.6309, 0.3670



23.3592, 0.2252, 0.7032



23.3592, 0.0614, 0.1352

Rectangle

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



23.3592, 0.2956, 0.1402



23.3592, 0.6169, 0.2564



23.3592, 0.2252, 0.7032



23.3592, 0.0750, 0.3049

Sweetspot

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



23.3609, 0.2956, 0.1402



59.1100, 0.3103, 0.2527



7.7317, 0.1515, 0.0654



11.7271, 0.3098, 0.2420



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.



23.3609, 0.2956, 0.1402



23.9968, 0.2956, 0.1402



22.9351, 0.4572, 0.2292



17.4320, 0.3122, 0.3055



12.2064, 0.2960, 0.1405



1.1551, 0.2992, 0.1422

Inverse Universe

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



20.7645, 0.6311, 0.3250



21.3314, 0.6312, 0.3251



70.5528, 0.2822, 0.5360



17.2532, 0.3278, 0.3267



10.8265, 0.6288, 0.3238



1.0118, 0.6066, 0.3116

Previews

White Background



This preview shows how the Yxy color 23.3592, 0.2956, 0.1402 looks on a white background.

Color Contrast Check

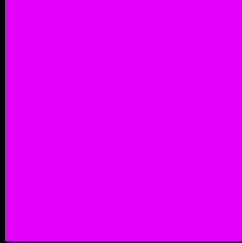
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3592, 0.2956, 0.1402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

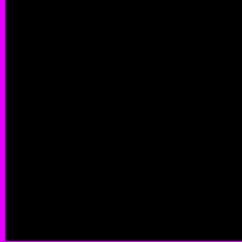
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.3592, 0.2956, 0.1402

Background



This preview shows how black text looks on a background with the Yxy color 23.3592, 0.2956, 0.1402.



This preview shows how white text looks on a background with the Yxy color 23.3592, 0.2956, 0.1402.

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

23.3592, 0.2956, 0.1402

Protanopia

24.1774, 0.1865, 0.1613

Deuteranopia

24.1942, 0.1885, 0.1824



Tritanopia

23.5196, 0.4551, 0.3209

Trichromacy



Original Color

23.3592, 0.2956, 0.1402



Protanomaly

17.4072, 0.2035, 0.1227



Deuteranomaly

16.4784, 0.2010, 0.1287



Tritanomaly

20.6571, 0.3957, 0.2248

Monochromacy



Original Color

23.3592, 0.2956, 0.1402



Achromatopsia

11.9538, 0.3127, 0.3290



Achromatomaly

11.6744, 0.3058, 0.1882

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.3592, 0.2956, 0.1402 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(227, 0, 252)` looks like.

```
.text, #text, p{  
    color:rgb(227, 0, 252)  
}
```

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(227, 0, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 0, 252) }
```

Border

The CSS property to change the border of an element to Yxy 23.3592, 0.2956, 0.1402 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(227, 0, 252) }
```

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

```
.border{ border-color:rgb(227, 0, 252) }
```

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

Here you see how a box with a 4 pixel rgb(227, 0, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 0, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 0, 252);  
box-shadow:4px 4px 4px 4px rgb(227, 0,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 23.3592, 0.2956, 0.1402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 0, 252) }
```

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

```
.background{ background-color: rgb(227, 0,  
252) }
```

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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