

Converting Colors

Yxy(23.4150, 0.3355, 0.1622)

Have a look what the booklet for
Yxy(23.4150, 0.3355, 0.1622)
contains.

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Color

Yxy(23.3863, 0.3354, 0.1621)

Conversions

Conversions Part 1

Format	Color
Hex	ED00E0
RGB	237, 0, 224
RGB Percent	93%, 0%, 88%
CMY	0.0705, 1.0000, 0.1215
CMYK	0.00, 1.00, 0.05, 0.07
HSL	303°, 100%, 46%
HSV	303°, 100%, 93%
XYZ	48.3884, 23.3863, 72.4961
YIQ	96.3990, 69.3480, 119.9080

Conversions

Conversions Part 2

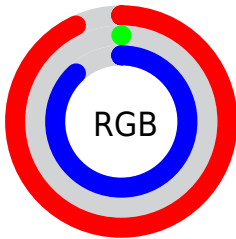
Format	Color
RYB	237, 0, 224
Decimal	15532256
CIELab	55.47, 91.19, -51.42
CIElCh	55, 104.690, 330.582
Yxy	23.3863, 0.3354, 0.1621
Android (android.graphics.Color)	4293722336 (0xFFED00E0)
YUV	96.3990, 62.9073, 123.3071
Hunter-Lab	48.3594, 93.9783, -55.0307

Details

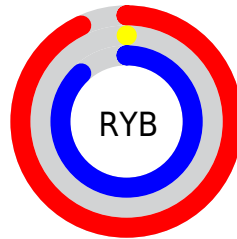
The Yxy color **23.3863, 0.3354, 0.1621** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **60.6148, 0.2993, 0.5974**, and the grayscale version is **11.6336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.5943, 0.3193, 0.1880**, and **12.0573, 0.3326, 0.1606** is the 20% darker color. If you saturate the color by 10%, you get **23.3924, 0.3354, 0.1621**, and if you desaturate by 10%, it is **24.1044, 0.3336, 0.1645**.

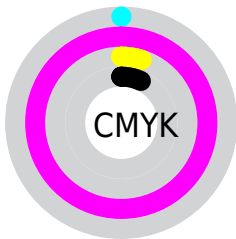
Distribution



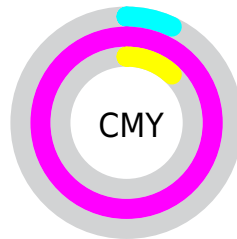
- Red (93%)
- Green (0%)
- Blue (88%)



- Red (93%)
- Yellow (0%)
- Blue (88%)



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




- Cyan (7%)
- Magenta (100%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.3863, 0.3354, 0.1621 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 23.3863, 0.3354, 0.1621 by changing the saturation by 10% instead.


 23.3863, 0.3354,
0.1621


 23.3863, 0.3354,
0.1621


269.7029, 0.3285,
0.2389


 14.8790, 0.3357,
0.1454


 49.0269, 0.3339,
0.1882


 8.7345, 0.3354,
0.1256


 66.9289, 0.3331,
0.1986

 4.5684, 0.3338,
0.1020


 88.7313, 0.3322,
0.2075

 1.9963, 0.3295,
0.0741

 114.8185, 0.3314,
0.2154

 0.6053, 0.3200,
0.0411

 145.5749, 0.3306,
0.2223

 0.0000, 0.3010,
0.0000

181.3848, 0.3299,

 0.0000, 0.2459,

0.2285

0.0000

222.6327, 0.3292,
0.2340

■ 0.0000, 0.0000,
0.0000

■ 23.3863, 0.3354,
0.1621

■ 23.3863, 0.3354,
0.1621

■ 23.3924, 0.3354,
0.1621

■ 24.1044, 0.3336,
0.1645

■ 25.6004, 0.3317,
0.1706

■ 28.1271, 0.3294,
0.1810

■ 31.8298, 0.3270,
0.1957

■ 36.8308, 0.3245,
0.2140

■ 43.2368, 0.3219,
0.2352

■ 51.1438, 0.3194,
0.2581

■ 60.6390, 0.3170,
0.2819

■ 71.8032, 0.3147,
0.3058

Harmonies

Analogous

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



23.3863, 0.1874, 0.1222



23.3863, 0.3354, 0.1621



23.3863, 0.5259, 0.2300

Triad

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



23.3863, 0.3354, 0.1621



23.3863, 0.4847, 0.5153



23.3863, 0.0742, 0.2205

Complementary

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



23.3863, 0.3354, 0.1621



60.6148, 0.2993, 0.5974

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.



23.3863, 0.1144, 0.4183



23.3863, 0.3354, 0.1621



23.3863, 0.3460, 0.6434

Square

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



23.3863, 0.3354, 0.1621



23.3863, 0.5985, 0.3963



23.3863, 0.2143, 0.6464



23.3863, 0.0754, 0.1372

Rectangle

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



23.3863, 0.3354, 0.1621



23.3863, 0.6128, 0.2815



23.3863, 0.2143, 0.6464



23.3863, 0.0817, 0.2713

Sweetspot

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



23.3924, 0.3354, 0.1621



60.2526, 0.3194, 0.2578



6.1933, 0.1511, 0.0606



12.0051, 0.3205, 0.2480



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.



23.3924, 0.3354, 0.1621



27.6109, 0.3355, 0.1622



19.0642, 0.5207, 0.2642



15.2987, 0.3146, 0.3070



12.7743, 0.3351, 0.1620



1.0075, 0.3330, 0.1608

Inverse Universe

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



23.3924, 0.3354, 0.1621



27.6109, 0.3355, 0.1622



62.2073, 0.2683, 0.4860



15.2987, 0.3146, 0.3070



12.7743, 0.3351, 0.1620



1.0075, 0.3330, 0.1608

Previews

White Background



This preview shows how the Yxy color 23.3863, 0.3354, 0.1621 looks on a white background.

Color Contrast Check

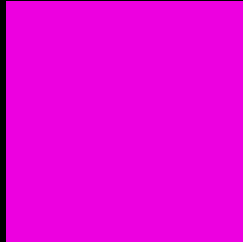
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3863, 0.3354, 0.1621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

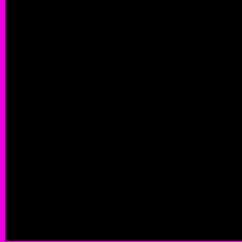
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.3863, 0.3354, 0.1621

Background



This preview shows how black text looks on a background with the Yxy color 23.3863, 0.3354, 0.1621.



This preview shows how white text looks on a background with the Yxy color 23.3863, 0.3354, 0.1621.

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

23.3863, 0.3354, 0.1621

Protanopia

24.2094, 0.1868, 0.1614

Deuteranopia

24.0305, 0.2183, 0.2126



Tritanopia

23.6349, 0.4957, 0.3232

Trichromacy



Original Color

23.3863, 0.3354, 0.1621



Protanomaly

17.1538, 0.2114, 0.1294



Deuteranomaly

17.4230, 0.2453, 0.1572



Tritanomaly

21.4094, 0.4417, 0.2454

Monochromacy



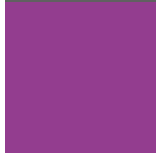
Original Color

23.3863, 0.3354, 0.1621



Achromatopsia

11.6971, 0.3127, 0.3290



Achromatomaly

11.5237, 0.3250, 0.2007

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.3863, 0.3354, 0.1621 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(237, 0, 224)` looks like.

```
.text, #text, p{  
    color:rgb(237, 0, 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(237, 0, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 0, 224) }
```

Border

The CSS property to change the border of an element to Yxy 23.3863, 0.3354, 0.1621 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(237, 0, 224) }
```

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

```
.border{ border-color:rgb(237, 0, 224) }
```

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

Here you see how a box with a 4 pixel rgb(237, 0, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 0, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 0, 224);  
box-shadow:4px 4px 4px 4px rgb(237, 0,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 23.3863, 0.3354, 0.1621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 0, 224) }
```

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

```
.background{ background-color: rgb(237, 0,  
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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