

Converting Colors

Yxy(24.0547, 0.3227, 0.1552)

Have a look what the booklet for
Yxy(24.0547, 0.3227, 0.1552)
contains.

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Color

Yxy(24.0244, 0.3231, 0.1554)

Conversions

Conversions Part 1

Format	Color
Hex	ED00EB
RGB	237, 0, 235
RGB Percent	93%, 0%, 92%
CMY	0.0703, 0.9982, 0.0783
CMYK	0.00, 1.00, 0.01, 0.07
HSL	301°, 100%, 47%
HSV	301°, 100%, 93%
XYZ	49.9503, 24.0244, 80.6224
YIQ	97.6530, 65.8170, 123.3290

Conversions

Conversions Part 2

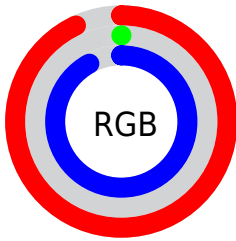
Format	Color
R _Y B	237, 0, 235
Decimal	15532267
CIE Lab	56.11, 92.67, -56.61
CIE LCh	56, 108.587, 328.581
Yxy	24.0244, 0.3231, 0.1554
Android (android.graphics.Color)	4293722347 (0xFFED00EB)
YUV	97.6530, 67.7121, 122.2073
Hunter-Lab	49.0147, 96.1317, -63.2136

Details

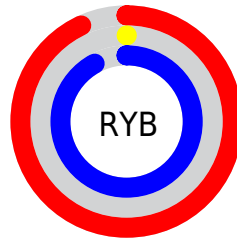
The Yxy color **24.0244, 0.3231, 0.1554** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **60.6148, 0.2999, 0.5995**, and the grayscale version is **12.0168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.7874, 0.3193, 0.1887**, and **12.4445, 0.3181, 0.1526** is the 20% darker color. If you saturate the color by 10%, you get **24.0153, 0.3231, 0.1554**, and if you desaturate by 10%, it is **24.6875, 0.3227, 0.1584**.

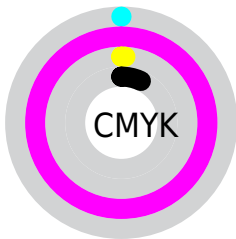
Distribution



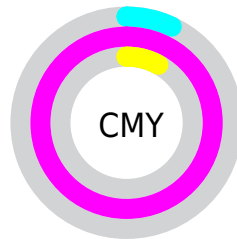
- Red (93%)
- Green (0%)
- Blue (92%)



- Red (93%)
- Yellow (0%)
- Blue (92%)



- Cyan (0%)
- Magenta (100%)
- Yellow (1%)
- Black (7%)





- Cyan (7%)
- Magenta (100%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0244, 0.3231, 0.1554 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 24.0244, 0.3231, 0.1554 by changing the saturation by 10% instead.


 24.0244, 0.3231,
0.1554


 24.0244, 0.3231,
0.1554


272.9438, 0.3231,
0.2340


 15.3517, 0.3217,
0.1387


 50.0700, 0.3242,
0.1818

 9.0666, 0.3191,
0.1191


 68.2117, 0.3243,
0.1923

 4.7847, 0.3146,
0.0960


 90.2786, 0.3242,
0.2015

 2.1215, 0.3065,
0.0693

 116.6550, 0.3241,
0.2096

 0.6767, 0.2920,
0.0391

 147.7253, 0.3239,
0.2168

 0.0000, 0.2674,
0.0000

183.8740, 0.3236,


 0.0000, 0.2120,


0.2231


0.0000

225.4853, 0.3234,
0.2288

 0.0000, 0.0000,
0.0000

 24.0244, 0.3231,
0.1554

 24.0244, 0.3231,
0.1554


 24.0153, 0.3231,
0.1554

 24.6875, 0.3227,
0.1584

 26.1426, 0.3222,
0.1650

 28.6314, 0.3214,
0.1759

 32.2987, 0.3204,
0.1910

 37.2663, 0.3193,
0.2099

■ 43.6409, 0.3180,
0.2317

■ 51.5182, 0.3167,
0.2555

■ 60.9854, 0.3153,
0.2802

■ 72.1231, 0.3140,
0.3051

Harmonies

Analogous

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



24.0244, 0.1774, 0.1174



24.0244, 0.3231, 0.1554



24.0244, 0.5193, 0.2224

Triad

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



24.0244, 0.3231, 0.1554



24.0244, 0.4938, 0.5062



24.0244, 0.0716, 0.2263

Complementary

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



24.0244, 0.3231, 0.1554



60.6148, 0.2999, 0.5995

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.



24.0244, 0.1148, 0.4383



24.0244, 0.3231, 0.1554



24.0244, 0.3536, 0.6438

Square

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



24.0244, 0.3231, 0.1554



24.0244, 0.6081, 0.3873



24.0244, 0.2184, 0.6646



24.0244, 0.0712, 0.1368

Rectangle

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



24.0244, 0.3231, 0.1554



24.0244, 0.6140, 0.2739



24.0244, 0.2184, 0.6646



24.0244, 0.0799, 0.2810

Sweetspot

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



24.0255, 0.3231, 0.1554



60.4778, 0.3167, 0.2547



6.1312, 0.1501, 0.0601



12.0600, 0.3173, 0.2445



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.



24.0255, 0.3231, 0.1554



28.3393, 0.3231, 0.1554



19.3520, 0.4988, 0.2523



15.3114, 0.3139, 0.3060



13.1044, 0.3231, 0.1553



1.0297, 0.3228, 0.1552

Inverse Universe

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



24.0255, 0.3231, 0.1554



28.3393, 0.3231, 0.1554



61.9355, 0.2731, 0.5030



15.3114, 0.3139, 0.3060



13.1044, 0.3231, 0.1553



1.0297, 0.3228, 0.1552

Previews

White Background



This preview shows how the Yxy color 24.0244, 0.3231, 0.1554 looks on a white background.

Color Contrast Check

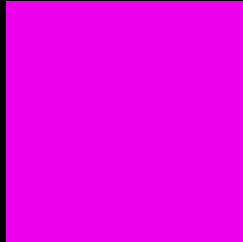
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0244, 0.3231, 0.1554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

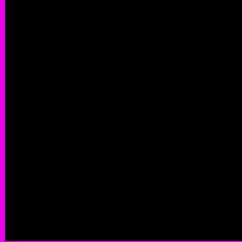
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0244, 0.3231, 0.1554

Background



This preview shows how black text looks on a background with the Yxy color 24.0244, 0.3231, 0.1554.



This preview shows how white text looks on a background with the Yxy color 24.0244, 0.3231, 0.1554.

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

24.0027, 0.3231, 0.1553

Protanopia

24.9158, 0.1890, 0.1645

Deuteranopia

24.6678, 0.2085, 0.2023



Tritanopia

24.0657, 0.4852, 0.3230

Trichromacy



Original Color

24.0027, 0.3231, 0.1553



Protanomaly

17.7851, 0.2119, 0.1292



Deuteranomaly

17.7963, 0.2325, 0.1489



Tritanomaly

21.5969, 0.4272, 0.2391

Monochromacy



Original Color

24.0027, 0.3231, 0.1553



Achromatopsia

12.2139, 0.3127, 0.3290



Achromatomaly

12.0827, 0.3204, 0.1983

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0244, 0.3231, 0.1554 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(237, 0, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 0, 235) }
```

Border

The CSS property to change the border of an element to Yxy 24.0244, 0.3231, 0.1554 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, 235) }
```

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

```
.border{ border-color:rgb(237, 0, 235) }
```

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, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 0, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 0, 235);  
box-shadow:4px 4px 4px 4px rgb(237, 0,  
235) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 24.0244, 0.3231, 0.1554$ 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, 235) }
```

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

```
.background{ background-color: rgb(237, 0,  
235) }
```

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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