

Converting Colors

$Y_{xy}(25.7122, 0.3236, 0.1622)$

Have a look what the booklet for
Yxy(25.7122, 0.3236, 0.1622)
contains.

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Color

Yxy(25.7931, 0.3238, 0.1624)

Conversions

Conversions Part 1

Format	Color
Hex	EF26EC
RGB	239, 38, 236
RGB Percent	94%, 15%, 93%
CMY	0.0627, 0.8508, 0.0746
CMYK	0.00, 0.84, 0.01, 0.06
HSL	301°, 86%, 54%
HSV	301°, 84%, 94%
XYZ	51.4274, 25.7931, 81.6040
YIQ	120.6710, 56.2380, 104.1900

Conversions

Conversions Part 2

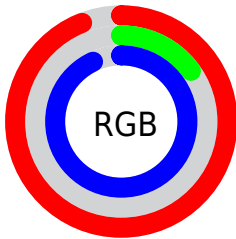
Format	Color
R _Y B	239, 38, 236
Decimal	15673068
CIE Lab	57.84, 89.16, -54.36
CIE LCh	58, 104.420, 328.629
Yxy	25.7931, 0.3238, 0.1624
Android (android.graphics.Color)	4293863148 (0xFFEF26EC)
YUV	120.6710, 56.8572, 103.7745
Hunter-Lab	50.7869, 91.8740, -59.7159

Details

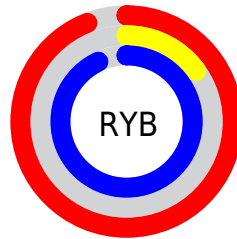
The Yxy color **25.7931, 0.3238, 0.1624** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **62.3083, 0.3002, 0.5833**, and the grayscale version is **18.8151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.2903, 0.3189, 0.1971**, and **12.7197, 0.3195, 0.1534** is the 20% darker color. If you saturate the color by 10%, you get **24.7027, 0.3245, 0.1576**, and if you desaturate by 10%, it is **27.8650, 0.3229, 0.1714**.

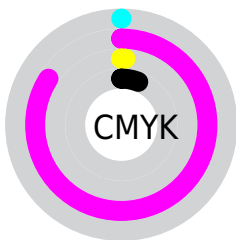
Distribution



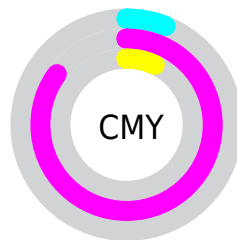
- Red (94%)
- Green (15%)
- Blue (93%)



- Red (94%)
- Yellow (15%)
- Blue (93%)



- Cyan (0%)
- Magenta (84%)
- Yellow (1%)
- Black (6%)





- Cyan (6%)
- Magenta (85%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7931, 0.3238, 0.1624 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 25.7931, 0.3238, 0.1624 by changing the saturation by 10% instead.


 25.7931, 0.3238,
0.1624


 25.7931, 0.3238,
0.1624


281.7649, 0.3230,
0.2379


 16.6689, 0.3227,
0.1463


 52.9410, 0.3245,
0.1878

 9.9987, 0.3207,
0.1272


 71.7335, 0.3245,
0.1980


 5.3981, 0.3169,
0.1046


 94.5175, 0.3243,
0.2068

 2.4827, 0.3100,
0.0780

 121.6775, 0.3241,
0.2146

 0.8680, 0.2972,
0.0480

 153.5979, 0.3239,
0.2214

 0.0000, 0.2778,
0.0000


190.6630, 0.3236,


 0.0000, 0.2254,


0.2275

0.0000

233.2572, 0.3233,
0.2330


 0.0000, 0.0000,
0.0000

 25.7931, 0.3238,
0.1624


 25.7931, 0.3238,
0.1624


 24.7027, 0.3245,
0.1576

 27.8650, 0.3229,
0.1714

 24.3726, 0.3248,
0.1563

 31.0771, 0.3218,
0.1847

 35.5637, 0.3206,
0.2020

 41.4396, 0.3192,
0.2226

 48.8068, 0.3177,
0.2456

■ 57.7578, 0.3162,
0.2699

■ 68.3774, 0.3147,
0.2947

■ 80.7446, 0.3133,
0.3192

■ 94.9334, 0.3119,
0.3428

Harmonies

Analogous

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



25.7931, 0.1838, 0.1248



25.7931, 0.3238, 0.1624



25.7931, 0.5082, 0.2283

Triad

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



25.7931, 0.3238, 0.1624



25.7931, 0.4932, 0.5068



25.7931, 0.0801, 0.2333

Complementary

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



25.7931, 0.3238, 0.1624



62.3083, 0.3002, 0.5833

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.



25.7931, 0.1246, 0.4321



25.7931, 0.3238, 0.1624



25.7931, 0.3577, 0.6286

Square

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



25.7931, 0.3238, 0.1624



25.7931, 0.5972, 0.3915



25.7931, 0.2274, 0.6412



25.7931, 0.0786, 0.1450

Rectangle

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



25.7931, 0.3238, 0.1624



25.7931, 0.5983, 0.2794



25.7931, 0.2274, 0.6412



25.7931, 0.0889, 0.2858

Sweetspot

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



25.7943, 0.3238, 0.1624



65.7890, 0.3163, 0.2674



8.0333, 0.1590, 0.0748



13.2673, 0.3169, 0.2588



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.



25.7943, 0.3238, 0.1624



28.2348, 0.3248, 0.1563



21.5898, 0.4610, 0.2432



16.0271, 0.3140, 0.3061



13.4703, 0.3247, 0.1562



1.1219, 0.3242, 0.1559

Inverse Universe

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



25.7943, 0.3238, 0.1624



28.2348, 0.3248, 0.1563



63.9978, 0.2689, 0.4742



16.0271, 0.3140, 0.3061



13.4703, 0.3247, 0.1562



1.1219, 0.3242, 0.1559

Previews

White Background



This preview shows how the Yxy color 25.7931, 0.3238, 0.1624 looks on a white background.

Color Contrast Check

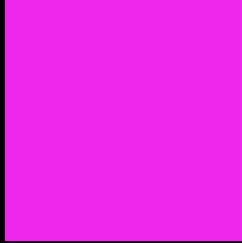
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7931, 0.3238, 0.1624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

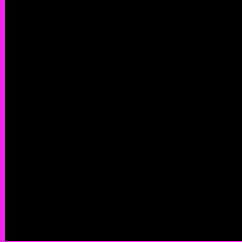
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7931, 0.3238, 0.1624

Background



This preview shows how black text looks on a background with the Yxy color 25.7931, 0.3238, 0.1624.



This preview shows how white text looks on a background with the Yxy color 25.7931, 0.3238, 0.1624.

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

25.7931, 0.3238, 0.1624

Protanopia

26.4061, 0.1937, 0.1710

Deuteranopia

25.9633, 0.2132, 0.2070



Tritanopia

25.7424, 0.4756, 0.3229

Trichromacy



Original Color

25.7931, 0.3238, 0.1624



Protanomaly

21.1259, 0.2198, 0.1467



Deuteranomaly

21.0685, 0.2395, 0.1665



Tritanomaly

24.2589, 0.4199, 0.2491

Monochromacy



Original Color

25.7931, 0.3238, 0.1624



Achromatopsia

19.1202, 0.3127, 0.3290



Achromatomaly

18.0190, 0.3190, 0.2240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7931, 0.3238, 0.1624 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(239, 38, 236)` looks like.

```
.text, #text, p{  
    color:rgb(239, 38, 236)  
}
```

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(239, 38, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 38, 236) }
```

Border

The CSS property to change the border of an element to Yxy 25.7931, 0.3238, 0.1624 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(239, 38, 236) }
```

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

```
.border{ border-color:rgb(239, 38, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 38, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 38, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 38, 236);  
box-shadow:4px 4px 4px 4px rgb(239, 38,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7931, 0.3238, 0.1624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 38, 236) }
```

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

```
.background{ background-color: rgb(239, 38,  
236) }
```

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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