

Converting Colors

Yxy(25.6463, 0.3042, 0.1540)

Have a look what the booklet for
Yxy(25.6463, 0.3042, 0.1540)
contains.

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Color

Yxy(25.6583, 0.3043, 0.1540)

Conversions

Conversions Part 1

Format	Color
Hex	E72EF7
RGB	231, 46, 247
RGB Percent	91%, 18%, 97%
CMY	0.0944, 0.8189, 0.0315
CMYK	0.06, 0.81, 0.00, 0.03
HSL	295°, 93%, 57%
HSV	295°, 81%, 97%
XYZ	50.7001, 25.6583, 90.2539
YIQ	124.2290, 45.7390, 101.7310

Conversions

Conversions Part 2

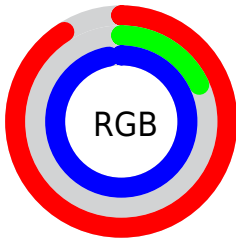
Format	Color
R _Y B	231, 46, 247
Decimal	15150839
CIE Lab	57.71, 87.78, -60.78
CIE LCh	58, 106.773, 325.299
Yxy	25.6583, 0.3043, 0.1540
Android (android.graphics.Color)	4293340919 (0xFFE72EF7)
YUV	124.2290, 60.5261, 93.6382
Hunter-Lab	50.6540, 90.0180, -70.1834

Details

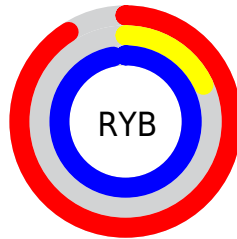
The Yxy color **25.6583, 0.3043, 0.1540** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **67.7352, 0.3048, 0.5776**, and the grayscale version is **20.0485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.9708, 0.3188, 0.1993**, and **12.3756, 0.2958, 0.1403** is the 20% darker color. If you saturate the color by 10%, you get **23.9191, 0.3023, 0.1465**, and if you desaturate by 10%, it is **28.5124, 0.3062, 0.1659**.

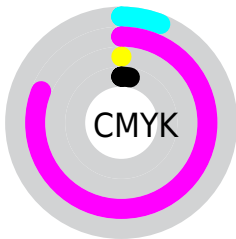
Distribution



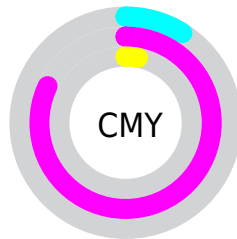
- Red (91%)
- Green (18%)
- Blue (97%)



- Red (91%)
- Yellow (18%)
- Blue (97%)



- Cyan (6%)
- Magenta (81%)
- Yellow (0%)
- Black (3%)




- Cyan (9%)
- Magenta (82%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6583, 0.3043, 0.1540 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 25.6583, 0.3043, 0.1540 by changing the saturation by 10% instead.


 25.6583, 0.3043,
0.1540

 25.6583, 0.3043,
0.1540


281.1006, 0.3138,
0.2322


 16.5682, 0.3006,
0.1376


 52.7232, 0.3088,
0.1801

 9.9271, 0.2954,
0.1185

 71.4667, 0.3102,
0.1906


 5.3507, 0.2875,
0.0960


 94.1969, 0.3112,
0.1998

 2.4544, 0.2754,
0.0702

 121.2981, 0.3120,
0.2078

 0.8537, 0.2560,
0.0419

 153.1546, 0.3127,
0.2150

 0.0000, 0.2273,
0.0000

190.1510, 0.3131,

 0.0000, 0.1708,


0.2214


0.0000


232.6715, 0.3135,
0.2271

 0.0000, 0.0000,
0.0000

 25.6583, 0.3043,
0.1540


 25.6583, 0.3043,
0.1540


 23.9191, 0.3023,
0.1465


 28.5124, 0.3062,
0.1659

 23.0839, 0.3006,
0.1429

 32.6437, 0.3078,
0.1822

 38.1915, 0.3093,
0.2022


 45.2758, 0.3104,
0.2251

 54.0041, 0.3114,
0.2498

 64.4742, 0.3120,
0.2754

 76.7761, 0.3125,
0.3010

 90.9937, 0.3127,
0.3259

 98.3165, 0.3134,
0.3368

Harmonies

Analogous

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



25.6583, 0.1702, 0.1197



25.6583, 0.3043, 0.1540



25.6583, 0.4925, 0.2178

Triad

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



25.6583, 0.3043, 0.1540



25.6583, 0.5077, 0.4923



25.6583, 0.0791, 0.2467

Complementary

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



25.6583, 0.3043, 0.1540



67.7352, 0.3048, 0.5776

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.



25.6583, 0.1295, 0.4633



25.6583, 0.3043, 0.1540



25.6583, 0.3719, 0.6230

Square

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



25.6583, 0.3043, 0.1540



25.6583, 0.6090, 0.3789



25.6583, 0.2378, 0.6601



25.6583, 0.0743, 0.1478

Rectangle

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



25.6583, 0.3043, 0.1540



25.6583, 0.5932, 0.2688



25.6583, 0.2378, 0.6601



25.6583, 0.0895, 0.3050

Sweetspot

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



25.6594, 0.3043, 0.1540



66.0590, 0.3119, 0.2684



10.8444, 0.1647, 0.0907



13.2725, 0.3116, 0.2592



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.



25.6594, 0.3043, 0.1540



24.9987, 0.3009, 0.1436



24.3930, 0.4279, 0.2270



16.6970, 0.3125, 0.3056



12.2407, 0.3009, 0.1431



1.0954, 0.3036, 0.1446

Inverse Universe

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



22.0878, 0.5825, 0.3200



21.4412, 0.6304, 0.3259



68.6977, 0.2755, 0.4928



16.5040, 0.3281, 0.3271



10.4920, 0.6314, 0.3252



0.9294, 0.6117, 0.3143

Previews

White Background



This preview shows how the Yxy color 25.6583, 0.3043, 0.1540 looks on a white background.

Color Contrast Check

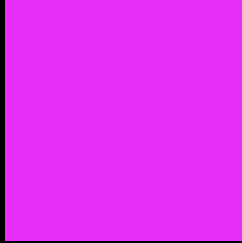
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6583, 0.3043, 0.1540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

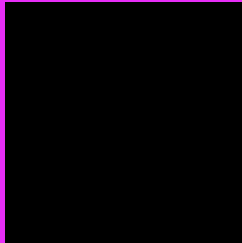
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6583, 0.3043, 0.1540

Background



This preview shows how black text looks on a background with the Yxy color 25.6583, 0.3043, 0.1540.



This preview shows how white text looks on a background with the Yxy color 25.6583, 0.3043, 0.1540.

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

25.6583, 0.3043, 0.1540

Protanopia

26.0438, 0.1926, 0.1694

Deuteranopia

26.0558, 0.2009, 0.1950



Tritanopia

25.4954, 0.4514, 0.3211

Trichromacy



Original Color

25.6583, 0.3043, 0.1540



Protanomaly

21.6343, 0.2156, 0.1460



Deuteranomaly

21.2269, 0.2216, 0.1579



Tritanomaly

24.0967, 0.3958, 0.2429

Monochromacy



Original Color

25.6583, 0.3043, 0.1540



Achromatopsia

20.1556, 0.3127, 0.3290



Achromatomaly

19.0168, 0.3101, 0.2230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6583, 0.3043, 0.1540 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(231, 46, 247)` looks like.

```
.text, #text, p{  
    color:rgb(231, 46, 247)  
}
```

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(231, 46, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 46, 247) }
```

Border

The CSS property to change the border of an element to Yxy 25.6583, 0.3043, 0.1540 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(231, 46, 247) }
```

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

```
.border{ border-color:rgb(231, 46, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 46, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 46, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 46, 247);  
box-shadow:4px 4px 4px 4px rgb(231, 46,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6583, 0.3043, 0.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 46, 247) }
```

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

```
.background{ background-color: rgb(231, 46,  
247) }
```

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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