

Converting Colors

$Y_{xy}(25.3454, 0.3740, 0.1837)$

Have a look what the booklet for
Yxy(25.3454, 0.3740, 0.1837)
contains.

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Color

Yxy(25.4528, 0.3741, 0.1838)

Conversions

Conversions Part 1

Format	Color
Hex	FD03CF
RGB	253, 3, 207
RGB Percent	99%, 1%, 81%
CMY	0.0078, 0.9883, 0.1882
CMYK	0.00, 0.99, 0.18, 0.01
HSL	311°, 98%, 50%
HSV	311°, 99%, 99%
XYZ	51.8057, 25.4528, 61.2224
YIQ	101.0060, 83.5160, 116.4440

Conversions

Conversions Part 2

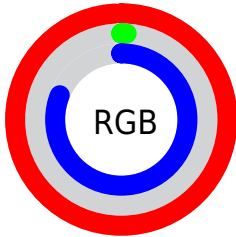
Format	Color
R_{YB}	253, 3, 207
Decimal	16581583
CIE _{Lab}	57.51, 91.56, -38.33
CIE _{LCh}	58, 99.256, 337.286
Yxy	25.4528, 0.3741, 0.1838
Android (android.graphics.Color)	4294771663 (0xFFFD03CF)
YUV	101.0060, 52.2550, 133.2987
Hunter-Lab	50.4508, 95.0051, -36.6334

Details

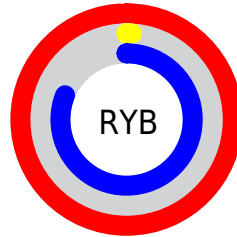
The Yxy color **25.4528, 0.3741, 0.1838** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **70.4949, 0.2956, 0.5834**, and the grayscale version is **12.8602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.1805, 0.3192, 0.1900**, and **13.3434, 0.3806, 0.1870** is the 20% darker color. If you saturate the color by 10%, you get **25.3626, 0.3749, 0.1839**, and if you desaturate by 10%, it is **26.4644, 0.3674, 0.1843**.

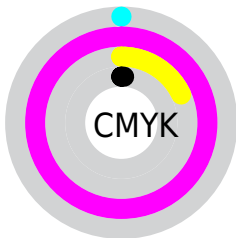
Distribution



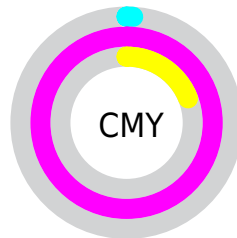
- Red (99%)
- Green (1%)
- Blue (81%)



- Red (99%)
- Yellow (1%)
- Blue (81%)



- Cyan (0%)
- Magenta (99%)
- Yellow (18%)
- Black (1%)





- Cyan (1%)
- Magenta (99%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4528, 0.3741, 0.1838 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 25.4528, 0.3741, 0.1838 by changing the saturation by 10% instead.


 25.4528, 0.3741,
0.1838


 25.4528, 0.3741,
0.1838


280.0855, 0.3456,
0.2521

 16.4147, 0.3804,
0.1684


 52.3908, 0.3643,
0.2074


 9.8181, 0.3880,
0.1497


 71.0596, 0.3605,
0.2167

 5.2785, 0.3971,
0.1268


 93.7074, 0.3572,
0.2246

 2.4116, 0.4082,
0.0985

 120.7186, 0.3543,
0.2315

 0.8318, 0.4210,
0.0641

 152.4776, 0.3517,
0.2376

 0.0000, 0.4452,
0.0000

189.3688, 0.3494,

 0.0000, 0.4370,

0.2430

0.0000

231.7767, 0.3474,
0.2478

■ 0.0000, 0.0000,
0.0000

■ 25.4528, 0.3741,
0.1838

■ 25.4528, 0.3741,
0.1838

■ 25.3626, 0.3749,
0.1839

■ 26.4644, 0.3674,
0.1843

■ 28.4580, 0.3604,
0.1891

■ 31.6782, 0.3531,
0.1985

■ 36.2923, 0.3459,
0.2122

■ 42.4415, 0.3389,
0.2292

■ 50.2498, 0.3324,
0.2486

■ 59.8282, 0.3264,
0.2693

■ 71.2784, 0.3210,
0.2904

■ 84.6941, 0.3163,
0.3112

Harmonies

Analogous

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



25.4528, 0.2206, 0.1378



25.4528, 0.3741, 0.1838



25.4528, 0.5438, 0.2541

Triad

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



25.4528, 0.3741, 0.1838



25.4528, 0.4565, 0.5424



25.4528, 0.0822, 0.2044

Complementary

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



25.4528, 0.3741, 0.1838



70.4949, 0.2956, 0.5834

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.



25.4528, 0.1129, 0.3626



25.4528, 0.3741, 0.1838



25.4528, 0.3233, 0.6394

Square

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



25.4528, 0.3741, 0.1838



25.4528, 0.5674, 0.4238



25.4528, 0.1997, 0.5843



25.4528, 0.0896, 0.1387

Rectangle

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



25.4528, 0.3741, 0.1838



25.4528, 0.6068, 0.3056



25.4528, 0.1997, 0.5843



25.4528, 0.0873, 0.2445

Sweetspot

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



25.4541, 0.3741, 0.1838



59.6467, 0.3270, 0.2668



7.8055, 0.1582, 0.0649



11.8582, 0.3295, 0.2580



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.



25.4541, 0.3741, 0.1838



25.8186, 0.3749, 0.1839



21.5600, 0.5717, 0.2930



18.2397, 0.3166, 0.3098



13.5115, 0.3739, 0.1833



1.3298, 0.3667, 0.1794

Inverse Universe

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



25.4541, 0.3741, 0.1838



25.8186, 0.3749, 0.1839



73.3228, 0.2547, 0.4365



18.2397, 0.3166, 0.3098



13.5115, 0.3739, 0.1833



1.3298, 0.3667, 0.1794

Previews

White Background



This preview shows how the Yxy color 25.4528, 0.3741, 0.1838 looks on a white background.

Color Contrast Check

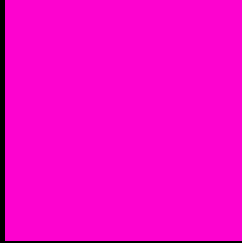
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4528, 0.3741, 0.1838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

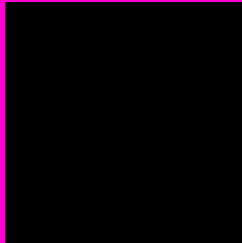
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4528, 0.3741, 0.1838

Background



This preview shows how black text looks on a background with the Yxy color 25.4528, 0.3741, 0.1838.



This preview shows how white text looks on a background with the Yxy color 25.4528, 0.3741, 0.1838.

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

25.4528, 0.3741, 0.1838

Protanopia

26.4061, 0.1937, 0.1710

Deuteranopia

26.0651, 0.2476, 0.2429



Tritanopia

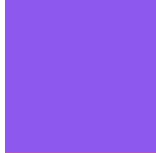
25.7612, 0.5273, 0.3261

Trichromacy



Original Color

25.4528, 0.3741, 0.1838



Protanomaly

18.8152, 0.2271, 0.1429



Deuteranomaly

19.5931, 0.2837, 0.1851



Tritanomaly

23.9321, 0.4796, 0.2629

Monochromacy



Original Color

25.4528, 0.3741, 0.1838



Achromatopsia

13.0136, 0.3127, 0.3290



Achromatomaly

12.7420, 0.3430, 0.2150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4528, 0.3741, 0.1838 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(253, 3, 207)` looks like.

```
.text, #text, p{  
    color:rgb(253, 3, 207)  
}
```

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(253, 3, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 3, 207) }
```

Border

The CSS property to change the border of an element to Yxy 25.4528, 0.3741, 0.1838 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(253, 3, 207) }
```

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

```
.border{ border-color:rgb(253, 3, 207) }
```

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

Here you see how a box with a 4 pixel rgb(253, 3, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 3, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 3, 207);  
box-shadow:4px 4px 4px 4px rgb(253, 3,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4528, 0.3741, 0.1838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 3, 207) }
```

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

```
.background{ background-color: rgb(253, 3,  
207) }
```

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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