

Converting Colors

Yxy(24.2161, 0.3714, 0.1820)

Have a look what the booklet for
Yxy(24.2161, 0.3714, 0.1820)
contains.

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Color

Yxy(24.1338, 0.3715, 0.1820)

Conversions

Conversions Part 1

Format	Color
Hex	F700CC
RGB	247, 0, 204
RGB Percent	97%, 0%, 80%
CMY	0.0313, 1.0000, 0.1999
CMYK	0.00, 1.00, 0.17, 0.03
HSL	310°, 100%, 48%
HSV	310°, 100%, 97%
XYZ	49.2621, 24.1338, 59.2074
YIQ	97.1090, 81.7280, 115.8080

Conversions

Conversions Part 2

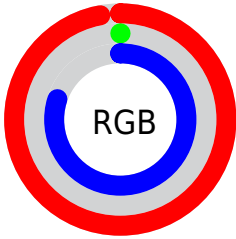
Format	Color
RYB	247, 0, 204
Decimal	16187596
CIELab	56.22, 90.33, -38.72
CIELCh	56, 98.282, 336.796
Yxy	24.1338, 0.3715, 0.1820
Android (android.graphics.Color)	4294377676 (0xFFFF700CC)
YUV	97.1090, 52.6973, 131.4544
Hunter-Lab	49.1262, 93.0232, -37.0686

Details

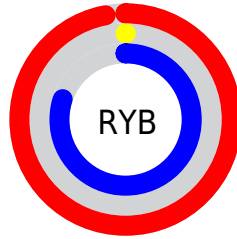
The Yxy color **24.1338, 0.3715, 0.1820** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **66.7019, 0.2962, 0.5862**, and the grayscale version is **11.8369, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.7874, 0.3193, 0.1887**, and **12.6090, 0.3787, 0.1860** is the 20% darker color. If you saturate the color by 10%, you get **24.1370, 0.3715, 0.1820**, and if you desaturate by 10%, it is **25.0287, 0.3653, 0.1824**.

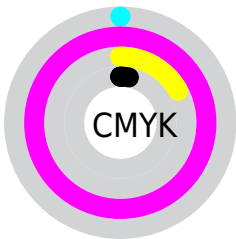
Distribution



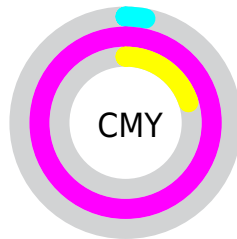
- Red (97%)
- Green (0%)
- Blue (80%)



- Red (97%)
- Yellow (0%)
- Blue (80%)



- Cyan (0%)
- Magenta (100%)
- Yellow (17%)
- Black (3%)





- Cyan (3%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1338, 0.3715, 0.1820 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 24.1338, 0.3715, 0.1820 by changing the saturation by 10% instead.


 24.1338, 0.3715,
0.1820


 24.1338, 0.3715,
0.1820


273.4962, 0.3443,
0.2516


 15.4329, 0.3775,
0.1662


 50.2485, 0.3622,
0.2062


 9.1238, 0.3846,
0.1471

 68.4310, 0.3585,
0.2156

 4.8220, 0.3932,
0.1235


 90.5429, 0.3553,
0.2237

 2.1432, 0.4033,
0.0944

 116.9685, 0.3526,
0.2307

 0.6888, 0.4150,
0.0583

 148.0923, 0.3501,
0.2369

 0.0000, 0.4332,
0.0000

184.2985, 0.3479,

 0.0000, 0.4187,

0.2424

0.0000

225.9717, 0.3460,
0.2472

■ 0.0000, 0.0000,
0.0000

■ 24.1338, 0.3715,
0.1820

■ 24.1338, 0.3715,
0.1820

■ 24.1370, 0.3715,
0.1820

■ 25.0287, 0.3653,
0.1824

■ 26.7915, 0.3587,
0.1868

■ 29.6931, 0.3519,
0.1959

■ 33.8948, 0.3451,
0.2093

■ 39.5322, 0.3385,
0.2261

■ 46.7234, 0.3322,
0.2454

■ 55.5746, 0.3264,
0.2662

■ 66.1825, 0.3212,
0.2875

■ 78.6364, 0.3167,
0.3086

Harmonies

Analogous

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



24.1338, 0.2180, 0.1364



24.1338, 0.3715, 0.1820



24.1338, 0.5432, 0.2522

Triad

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



24.1338, 0.3715, 0.1820



24.1338, 0.4588, 0.5412



24.1338, 0.0813, 0.2051

Complementary

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



24.1338, 0.3715, 0.1820



66.7019, 0.2962, 0.5862

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.



24.1338, 0.1126, 0.3662



24.1338, 0.3715, 0.1820



24.1338, 0.3247, 0.6406

Square

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



24.1338, 0.3715, 0.1820



24.1338, 0.5700, 0.4219



24.1338, 0.2004, 0.5896



24.1338, 0.0882, 0.1383

Rectangle

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



24.1338, 0.3715, 0.1820



24.1338, 0.6079, 0.3037



24.1338, 0.2004, 0.5896



24.1338, 0.0866, 0.2460

Sweetspot

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



24.1370, 0.3715, 0.1820



59.6923, 0.3265, 0.2661



7.1909, 0.1562, 0.0634



11.8692, 0.3288, 0.2572



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.



24.1370, 0.3715, 0.1820



25.9446, 0.3716, 0.1821



20.3903, 0.5686, 0.2906



16.7159, 0.3165, 0.3097



12.7830, 0.3705, 0.1815



1.1362, 0.3632, 0.1774

Inverse Universe

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



24.1370, 0.3715, 0.1820



25.9446, 0.3716, 0.1821



69.2323, 0.2567, 0.4439



16.7159, 0.3165, 0.3097



12.7830, 0.3705, 0.1815



1.1362, 0.3632, 0.1774

Previews

White Background



This preview shows how the Yxy color 24.1338, 0.3715, 0.1820 looks on a white background.

Color Contrast Check

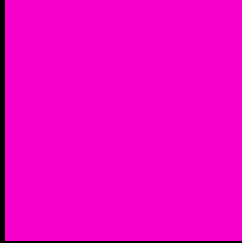
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1338, 0.3715, 0.1820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

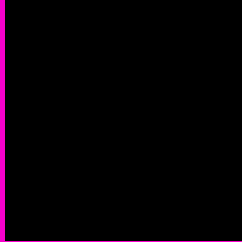
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1338, 0.3715, 0.1820

Background



This preview shows how black text looks on a background with the Yxy color 24.1338, 0.3715, 0.1820.



This preview shows how white text looks on a background with the Yxy color 24.1338, 0.3715, 0.1820.

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

24.1338, 0.3715, 0.1820

Protanopia

24.9877, 0.1896, 0.1648

Deuteranopia

24.8025, 0.2458, 0.2412



Tritanopia

24.3977, 0.5254, 0.3251

Trichromacy



Original Color

24.1338, 0.3715, 0.1820



Protanomaly

17.4651, 0.2219, 0.1377



Deuteranomaly

18.5336, 0.2820, 0.1827



Tritanomaly

22.6269, 0.4776, 0.2613

Monochromacy



Original Color

24.1338, 0.3715, 0.1820



Achromatopsia

11.9538, 0.3127, 0.3290



Achromatomaly

11.8982, 0.3438, 0.2140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1338, 0.3715, 0.1820 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(247, 0, 204)` looks like.

```
.text, #text, p{  
    color:rgb(247, 0, 204)  
}
```

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(247, 0, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 0, 204) }
```

Border

The CSS property to change the border of an element to Yxy 24.1338, 0.3715, 0.1820 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(247, 0, 204) }
```

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

```
.border{ border-color:rgb(247, 0, 204) }
```

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

Here you see how a box with a 4 pixel rgb(247, 0, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 0, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 0, 204);  
box-shadow:4px 4px 4px 4px rgb(247, 0,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1338, 0.3715, 0.1820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 0, 204) }
```

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

```
.background{ background-color: rgb(247, 0,  
204) }
```

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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