

Converting Colors

$Yxy(23.2214, 0.4029, 0.1993)$

Have a look what the booklet for
Yxy(23.2214, 0.4029, 0.1993)
contains.

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Color

Yxy(23.1516, 0.4027, 0.1992)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F700B6 |
| RGB | 247, 0, 182 |
| RGB Percent | 97%, 0%, 71% |
| CMY | 0.0314, 0.9999, 0.2862 |
| CMYK | 0.00, 1.00, 0.26, 0.03 |
| HSL | 316°, 100%, 48% |
| HSV | 316°, 100%, 97% |
| XYZ | 46.8030, 23.1516, 46.2683 |
| YIQ | 94.6010, 88.7900, 108.9660 |

Conversions

Conversions Part 2

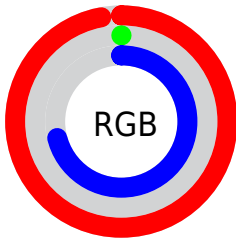
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 247, 0, 182 |
| Decimal | 16187574 |
| CIELab | 55.23, 87.82, -27.55 |
| CIELCh | 55, 92.038, 342.579 |
| Yxy | 23.1516, 0.4027, 0.1992 |
| Android (android.graphics.Color) | 4294377654 (0xFFFF700B6) |
| YUV | 94.6010, 43.0877, 133.6539 |
| Hunter-Lab | 48.1161, 89.4253, -23.3318 |

Details

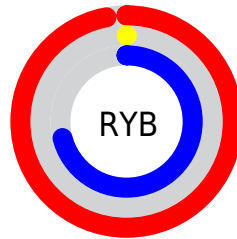
The Yxy color **23.1516, 0.4027, 0.1992** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **66.9037, 0.2919, 0.5707**, and the grayscale version is **11.2262, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.5474, 0.3355, 0.2003**, and **11.8993, 0.4156, 0.2063** is the 20% darker color. If you saturate the color by 10%, you get **23.1523, 0.4027, 0.1992**, and if you desaturate by 10%, it is **24.1107, 0.3922, 0.1977**.

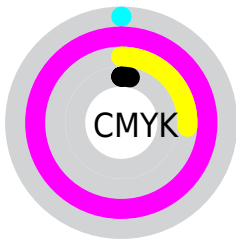
Distribution



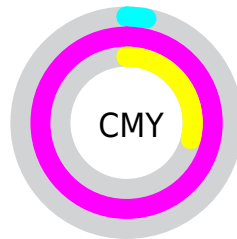
- Red (97%)
- Green (0%)
- Blue (71%)



- Red (97%)
- Yellow (0%)
- Blue (71%)



- Cyan (0%)
- Magenta (100%)
- Yellow (26%)
- Black (3%)





- Cyan (3%)
- Magenta (100%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1516, 0.4027, 0.1992 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 23.1516, 0.4027, 0.1992 by changing the saturation by 10% instead.


 23.1516, 0.4027,
0.1992


 23.1516, 0.4027,
0.1992


268.5027, 0.3571,
0.2629


 14.7055, 0.4141,
0.1840


 48.6421, 0.3861,
0.2219


 8.6130, 0.4287,
0.1652


 66.4553, 0.3798,
0.2305


 4.4896, 0.4478,
0.1412


 88.1597, 0.3745,
0.2379

 1.9510, 0.4738,
0.1105

 114.1396, 0.3700,
0.2443

 0.5788, 0.5124,
0.0676

 144.7795, 0.3661,
0.2498

 0.0000, 0.5776,
0.0000

180.4637, 0.3627,

 0.0000, 0.8016,

0.2547

0.0000

221.5766, 0.3597,
0.2590

■ 0.0000, 0.0000,
0.0000

■ 23.1516, 0.4027,
0.1992

■ 23.1516, 0.4027,
0.1992

■ 23.1523, 0.4027,
0.1992

■ 24.1107, 0.3922,
0.1977

■ 25.9469, 0.3814,
0.2006

■ 28.9289, 0.3705,
0.2084

■ 33.2181, 0.3597,
0.2205

■ 38.9502, 0.3495,
0.2359

■ 46.2434, 0.3402,
0.2536

■ 55.2041, 0.3318,
0.2725

■ 65.9288, 0.3245,
0.2918

■ 78.5072, 0.3181,
0.3108

Harmonies

Analogous

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



23.1516, 0.2460, 0.1487



23.1516, 0.4027, 0.1992



23.1516, 0.5562, 0.2710

Triad

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



23.1516, 0.4027, 0.1992



23.1516, 0.4330, 0.5579



23.1516, 0.0869, 0.1932

Complementary

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



23.1516, 0.4027, 0.1992



66.9037, 0.2919, 0.5707

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.



23.1516, 0.1103, 0.3278



23.1516, 0.4027, 0.1992



23.1516, 0.3048, 0.6331

Square

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



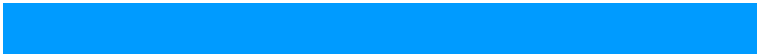
23.1516, 0.4027, 0.1992



23.1516, 0.5461, 0.4440



23.1516, 0.1866, 0.5394



23.1516, 0.0994, 0.1387

Rectangle

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



23.1516, 0.4027, 0.1992



23.1516, 0.6028, 0.3227



23.1516, 0.1866, 0.5394



23.1516, 0.0900, 0.2269

Sweetspot

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



23.1529, 0.4027, 0.1992



59.2909, 0.3319, 0.2724



7.7323, 0.1631, 0.0672



11.7725, 0.3353, 0.2643



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.



23.1529, 0.4027, 0.1992



24.8870, 0.4029, 0.1993



20.1199, 0.5971, 0.3063



16.6895, 0.3178, 0.3117



12.2690, 0.4010, 0.1983



1.0952, 0.3887, 0.1915

Inverse Universe

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



23.1529, 0.4027, 0.1992



24.8870, 0.4029, 0.1993



70.0356, 0.2482, 0.4134



16.6895, 0.3178, 0.3117



12.2690, 0.4010, 0.1983



1.0952, 0.3887, 0.1915

Previews

White Background



This preview shows how the Yxy color 23.1516, 0.4027, 0.1992 looks on a white background.

Color Contrast Check

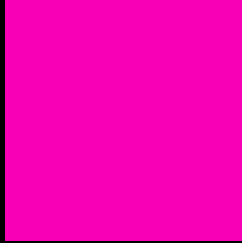
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1516, 0.4027, 0.1992 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 23.1516, 0.4027, 0.1992

Background



This preview shows how black text looks on a background with the Yxy color 23.1516, 0.4027, 0.1992.



This preview shows how white text looks on a background with the Yxy color 23.1516, 0.4027, 0.1992.

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

23.1516, 0.4027, 0.1992

Protanopia

24.2420, 0.1871, 0.1615

Deuteranopia

23.6469, 0.2708, 0.2654



Tritanopia

23.4935, 0.5457, 0.3272

Trichromacy



Original Color

23.1516, 0.4027, 0.1992



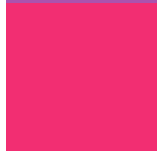
Protanomaly

16.5338, 0.2228, 0.1401



Deuteranomaly

17.9004, 0.3147, 0.2046



Tritanomaly

22.0461, 0.5034, 0.2731

Monochromacy



Original Color

23.1516, 0.4027, 0.1992



Achromatopsia

11.4435, 0.3127, 0.3290



Achromatomaly

11.2481, 0.3564, 0.2224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1516, 0.4027, 0.1992 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(247, 0, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 0, 182) }
```

Border

The CSS property to change the border of an element to Yxy 23.1516, 0.4027, 0.1992 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, 182) }
```

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

```
.border{ border-color:rgb(247, 0, 182) }
```

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, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 0, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 0, 182);  
box-shadow:4px 4px 4px 4px rgb(247, 0,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1516, 0.4027, 0.1992 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, 182) }
```

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

```
.background{ background-color: rgb(247, 0,  
182) }
```

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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