

Converting Colors

Yxy(23.6591, 0.3691, 0.1825)

Have a look what the booklet for
Yxy(23.6591, 0.3691, 0.1825)
contains.

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Color

Yxy(23.6330, 0.3694, 0.1827)

Conversions

Conversions Part 1

Format	Color
Hex	F30ECA
RGB	243, 14, 202
RGB Percent	95%, 5%, 79%
CMY	0.0470, 0.9452, 0.2077
CMYK	0.00, 0.94, 0.17, 0.05
HSL	311°, 91%, 50%
HSV	311°, 94%, 95%
XYZ	47.7834, 23.6330, 57.9377
YIQ	103.9030, 76.1360, 107.0160

Conversions

Conversions Part 2

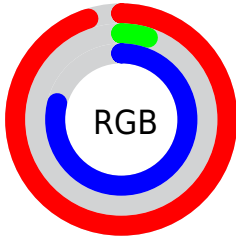
Format	Color
R _Y B	243, 14, 202
Decimal	15929034
CIE Lab	55.72, 88.44, -38.42
CIE LCh	56, 96.424, 336.522
Yxy	23.6330, 0.3694, 0.1827
Android (android.graphics.Color)	4294119114 (0xFFFF30ECA)
YUV	103.9030, 48.3618, 121.9881
Hunter-Lab	48.6138, 90.3769, -36.6319

Details

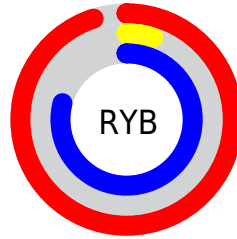
The Yxy color **23.6330, 0.3694, 0.1827** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **64.4721, 0.2947, 0.5771**, and the grayscale version is **13.6648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.1805, 0.3192, 0.1900**, and **12.0517, 0.3764, 0.1847** is the 20% darker color. If you saturate the color by 10%, you get **23.2036, 0.3731, 0.1829**, and if you desaturate by 10%, it is **24.9333, 0.3628, 0.1852**.

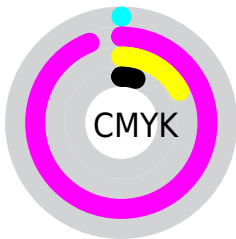
Distribution



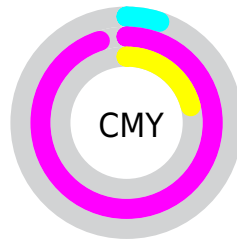
- Red (95%)
- Green (5%)
- Blue (79%)



- Red (95%)
- Yellow (5%)
- Blue (79%)



- Cyan (0%)
- Magenta (94%)
- Yellow (17%)
- Black (5%)




- Cyan (5%)
- Magenta (95%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.6330, 0.3694, 0.1827 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 23.6330, 0.3694, 0.1827 by changing the saturation by 10% instead.


 23.6330, 0.3694,
0.1827

 23.6330, 0.3694,
0.1827


270.9598, 0.3431,
0.2523


 15.0616, 0.3752,
0.1668


 49.4306, 0.3604,
0.2069

 8.8626, 0.3820,
0.1475


 67.4257, 0.3569,
0.2164

 4.6517, 0.3902,
0.1237


 89.3307, 0.3538,
0.2245

 2.0444, 0.3998,
0.0942

 115.5302, 0.3511,
0.2315

 0.6331, 0.4110,
0.0567

 146.4084, 0.3488,
0.2377

 0.0000, 0.4266,
0.0000

182.3498, 0.3467,

 0.0000, 0.4050,

0.2431

0.0000

223.7388, 0.3448,
0.2480

■ 0.0000, 0.0000,
0.0000

■ 23.6330, 0.3694,
0.1827

■ 23.6330, 0.3694,
0.1827

■ 23.2036, 0.3731,
0.1829

■ 24.9333, 0.3628,
0.1852

■ 27.2519, 0.3559,
0.1923

■ 30.7602, 0.3488,
0.2038

■ 35.5974, 0.3419,
0.2193

■ 41.8833, 0.3353,
0.2375

■ 49.7244, 0.3291,
0.2577

■ 59.2173, 0.3236,
0.2787

■ 70.4505, 0.3187,
0.2999

■ 83.5064, 0.3144,
0.3205

Harmonies

Analogous

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



23.6330, 0.2179, 0.1375



23.6330, 0.3694, 0.1827



23.6330, 0.5394, 0.2525

Triad

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



23.6330, 0.3694, 0.1827



23.6330, 0.4601, 0.5394



23.6330, 0.0830, 0.2076

Complementary

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



23.6330, 0.3694, 0.1827



64.4721, 0.2947, 0.5771

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.



23.6330, 0.1150, 0.3681



23.6330, 0.3694, 0.1827



23.6330, 0.3270, 0.6369

Square

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



23.6330, 0.3694, 0.1827



23.6330, 0.5691, 0.4214



23.6330, 0.2031, 0.5874



23.6330, 0.0895, 0.1402

Rectangle

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



23.6330, 0.3694, 0.1827



23.6330, 0.6045, 0.3039



23.6330, 0.2031, 0.5874



23.6330, 0.0885, 0.2485

Sweetspot

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



23.6342, 0.3694, 0.1827



61.7994, 0.3256, 0.2706



7.5182, 0.1606, 0.0680



12.2643, 0.3281, 0.2615



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.



23.6342, 0.3694, 0.1827



25.8823, 0.3732, 0.1830



20.1121, 0.5516, 0.2846



16.7144, 0.3165, 0.3098



12.7528, 0.3721, 0.1823



1.1338, 0.3645, 0.1782

Inverse Universe

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



23.6342, 0.3694, 0.1827



25.8823, 0.3732, 0.1830



66.9742, 0.2554, 0.4366



16.7144, 0.3165, 0.3098



12.7528, 0.3721, 0.1823



1.1338, 0.3645, 0.1782

Previews

White Background



This preview shows how the Yxy color 23.6330, 0.3694, 0.1827 looks on a white background.

Color Contrast Check

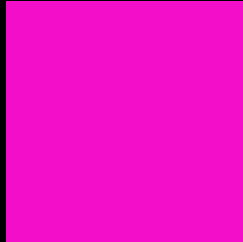
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6330, 0.3694, 0.1827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

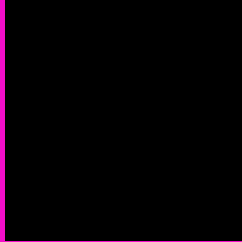
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.6330, 0.3694, 0.1827

Background



This preview shows how black text looks on a background with the Yxy color 23.6330, 0.3694, 0.1827.



This preview shows how white text looks on a background with the Yxy color 23.6330, 0.3694, 0.1827.

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

23.6330, 0.3694, 0.1827

Protanopia

24.2753, 0.1874, 0.1616

Deuteranopia

24.0702, 0.2444, 0.2389



Tritanopia

23.7168, 0.5221, 0.3249

Trichromacy



Original Color

23.6330, 0.3694, 0.1827



Protanomaly

17.7027, 0.2185, 0.1397



Deuteranomaly

18.7844, 0.2807, 0.1877



Tritanomaly

22.3914, 0.4720, 0.2627

Monochromacy



Original Color

23.6330, 0.3694, 0.1827



Achromatopsia

13.8432, 0.3127, 0.3290



Achromatomaly

13.3685, 0.3407, 0.2221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.6330, 0.3694, 0.1827 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(243, 14, 202)` looks like.

```
.text, #text, p{  
    color:rgb(243, 14, 202)  
}
```

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(243, 14, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 14, 202) }
```

Border

The CSS property to change the border of an element to Yxy 23.6330, 0.3694, 0.1827 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(243, 14, 202) }
```

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

```
.border{ border-color:rgb(243, 14, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 14, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 14, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 14, 202);  
box-shadow:4px 4px 4px 4px rgb(243, 14,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 23.6330, 0.3694, 0.1827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 14, 202) }
```

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

```
.background{ background-color: rgb(243, 14,  
202) }
```

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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