

Converting Colors

$Yxy(21.1875, 0.3831, 0.1926)$

Have a look what the booklet for
Yxy(21.1875, 0.3831, 0.1926)
contains.

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Color

Yxy(21.1875, 0.3831, 0.1926)

Conversions

Conversions Part 1

Format	Color
Hex	E817B7
RGB	232, 23, 183
RGB Percent	91%, 9%, 72%
CMY	0.0900, 0.9105, 0.2823
CMYK	0.00, 0.90, 0.21, 0.09
HSL	314°, 82%, 50%
HSV	314°, 90%, 91%
XYZ	42.1440, 21.1875, 46.6763
YIQ	103.7310, 73.2040, 94.0680

Conversions

Conversions Part 2

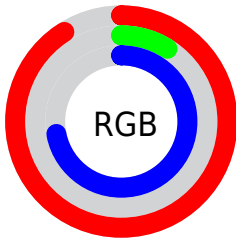
Format	Color
R_{YB}	232, 23, 183
Decimal	15210423
CIE _{Lab}	53.15, 83.19, -31.57
CIE _{LCh}	53, 88.984, 339.219
Yxy	21.1875, 0.3831, 0.1926
Android (android.graphics.Color)	4293400503 (0xFFE817B7)
YUV	103.7310, 39.0796, 112.4919
Hunter-Lab	46.0299, 82.8785, -27.9017

Details

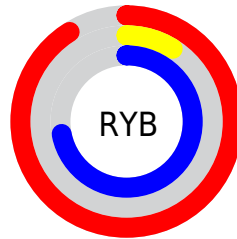
The Yxy color **21.1875, 0.3831, 0.1926** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **58.3839, 0.2906, 0.5585**, and the grayscale version is **13.6227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.1925, 0.3343, 0.2016**, and **10.2696, 0.3922, 0.1934** is the 20% darker color. If you saturate the color by 10%, you get **20.3641, 0.3920, 0.1933**, and if you desaturate by 10%, it is **22.7700, 0.3738, 0.1961**.

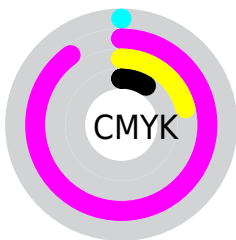
Distribution



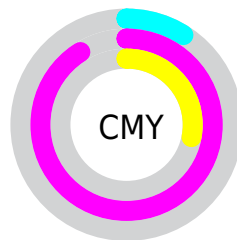
- Red (91%)
- Green (9%)
- Blue (72%)



- Red (91%)
- Yellow (9%)
- Blue (72%)



- Cyan (0%)
- Magenta (90%)
- Yellow (21%)
- Black (9%)





- Cyan (9%)
- Magenta (91%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.1875, 0.3831, 0.1926 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 21.1875, 0.3831, 0.1926 by changing the saturation by 10% instead.


 21.1875, 0.3831,
0.1926

 21.1875, 0.3831,
0.1926

258.2733, 0.3481,
0.2598


 13.2611, 0.3916,
0.1766


 45.3994, 0.3705,
0.2165


 7.6086, 0.4022,
0.1567


 62.4537, 0.3657,
0.2257

 3.8455, 0.4159,
0.1315


 83.3194, 0.3617,
0.2335

 1.5875, 0.4337,
0.0994

 108.3809, 0.3582,
0.2402

 0.3492, 0.4629,
0.0467

 138.0227, 0.3552,
0.2461

 0.0000, 0.4926,
0.0000

172.6291, 0.3525,

 0.0000, 0.5939,

0.2512

0.0000

212.5845, 0.3502,
0.2557

■ 0.0000, 0.0000,
0.0000

■ 21.1875, 0.3831,
0.1926

■ 21.1875, 0.3831,
0.1926

■ 20.3641, 0.3920,
0.1933

■ 22.7700, 0.3738,
0.1961

■ 25.3386, 0.3642,
0.2044

■ 29.0328, 0.3549,
0.2169

■ 33.9687, 0.3459,
0.2327

■ 40.2481, 0.3376,
0.2509

■ 47.9621, 0.3301,
0.2703

■ 57.1939, 0.3235,
0.2902

■ 68.0202, 0.3177,
0.3098

■ 80.5127, 0.3128,
0.3287

Harmonies

Analogous

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



21.1875, 0.2322, 0.1454



21.1875, 0.3831, 0.1926



21.1875, 0.5420, 0.2628

Triad

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



21.1875, 0.3831, 0.1926



21.1875, 0.4476, 0.5455



21.1875, 0.0880, 0.2039

Complementary

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



21.1875, 0.3831, 0.1926



58.3839, 0.2906, 0.5585

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.



21.1875, 0.1166, 0.3495



21.1875, 0.3831, 0.1926



21.1875, 0.3193, 0.6293

Square

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



21.1875, 0.3831, 0.1926



21.1875, 0.5557, 0.4322



21.1875, 0.1991, 0.5590



21.1875, 0.0969, 0.1427

Rectangle

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



21.1875, 0.3831, 0.1926



21.1875, 0.5980, 0.3141



21.1875, 0.1991, 0.5590



21.1875, 0.0926, 0.2410

Sweetspot

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



21.1886, 0.3831, 0.1926



62.6651, 0.3280, 0.2763



7.7987, 0.1713, 0.0763



12.6250, 0.3304, 0.2695



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.



21.1886, 0.3831, 0.1926



25.2111, 0.3924, 0.1935



18.3280, 0.5613, 0.2940



14.5544, 0.3174, 0.3112



11.3209, 0.3906, 0.1925



0.8506, 0.3783, 0.1857

Inverse Universe

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



21.1886, 0.3831, 0.1926



25.2111, 0.3924, 0.1935



61.0625, 0.2486, 0.4093



14.5544, 0.3174, 0.3112



11.3209, 0.3906, 0.1925



0.8506, 0.3783, 0.1857

Previews

White Background



This preview shows how the Yxy color 21.1875, 0.3831, 0.1926 looks on a white background.

Color Contrast Check

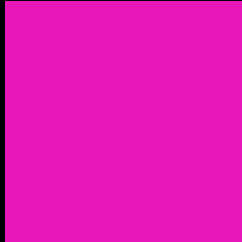
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1875, 0.3831, 0.1926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

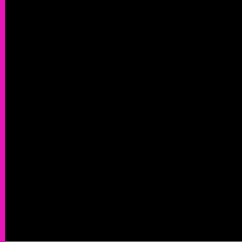
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.1875, 0.3831, 0.1926

Background



This preview shows how black text looks on a background with the Yxy color 21.1875, 0.3831, 0.1926.



This preview shows how white text looks on a background with the Yxy color 21.1875, 0.3831, 0.1926.

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

21.1875, 0.3831, 0.1926

Protanopia

21.8370, 0.1790, 0.1503

Deuteranopia

21.6133, 0.2578, 0.2520



Tritanopia

21.2949, 0.5289, 0.3258

Trichromacy



Original Color

21.1875, 0.3831, 0.1926



Protanomaly

15.7885, 0.2073, 0.1365



Deuteranomaly

17.3831, 0.2960, 0.2024



Tritanomaly

20.3242, 0.4822, 0.2708

Monochromacy



Original Color

21.1875, 0.3831, 0.1926



Achromatopsia

13.8432, 0.3127, 0.3290



Achromatomaly

13.1703, 0.3452, 0.2338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.1875, 0.3831, 0.1926 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(232, 23, 183)` looks like.

```
.text, #text, p{  
    color:rgb(232, 23, 183)  
}
```

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(232, 23, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 23, 183) }
```

Border

The CSS property to change the border of an element to Yxy 21.1875, 0.3831, 0.1926 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(232, 23, 183) }
```

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

```
.border{ border-color:rgb(232, 23, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 23, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 23, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 23, 183);  
box-shadow:4px 4px 4px 4px rgb(232, 23,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 21.1875, 0.3831, 0.1926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 23, 183) }
```

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

```
.background{ background-color: rgb(232, 23,  
183) }
```

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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