

Converting Colors

$Yxy(21.2103, 0.3901, 0.1922)$

Have a look what the booklet for
Yxy(21.2103, 0.3901, 0.1922)
contains.

Yxy(21.2103, 0.3901, 0.1922)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(21.2103, 0.3901, 0.1922)

Conversions

Conversions Part 1

Format	Color
Hex	EC00B6
RGB	236, 0, 182
RGB Percent	93%, 0%, 71%
CMY	0.0743, 1.0000, 0.2862
CMYK	0.00, 1.00, 0.23, 0.07
HSL	314°, 100%, 46%
HSV	314°, 100%, 93%
XYZ	43.0496, 21.2103, 46.0954
YIQ	91.3120, 82.2340, 106.6340

Conversions

Conversions Part 2

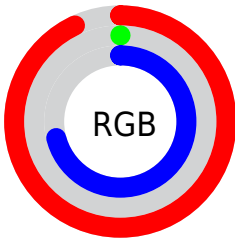
Format	Color
R_{YB}	236, 0, 182
Decimal	15466678
CIE _{Lab}	53.18, 85.80, -30.90
CIE _{LCh}	53, 91.194, 340.194
Yxy	21.2103, 0.3901, 0.1922
Android (android.graphics.Color)	4293656758 (0xFFEC00B6)
YUV	91.3120, 44.7092, 126.8914
Hunter-Lab	46.0546, 86.2574, -27.1043

Details

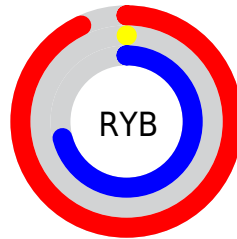
The Yxy color **21.2103, 0.3901, 0.1922** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **60.2854, 0.2936, 0.5770**, and the grayscale version is **10.4228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.1684, 0.3356, 0.1989**, and **10.6989, 0.4005, 0.1980** is the 20% darker color. If you saturate the color by 10%, you get **21.2197, 0.3901, 0.1923**, and if you desaturate by 10%, it is **22.0845, 0.3813, 0.1917**.

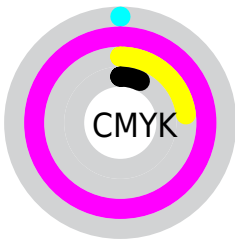
Distribution



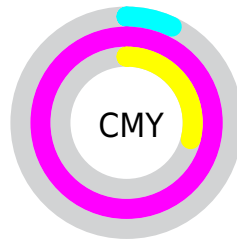
- Red (93%)
- Green (0%)
- Blue (71%)



- Red (93%)
- Yellow (0%)
- Blue (71%)



- Cyan (0%)
- Magenta (100%)
- Yellow (23%)
- Black (7%)





- Cyan (7%)
- Magenta (100%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.2103, 0.3901, 0.1922 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 21.2103, 0.3901, 0.1922 by changing the saturation by 10% instead.


 21.2103, 0.3901,
0.1922


 21.2103, 0.3901,
0.1922


258.3940, 0.3513,
0.2595


 13.2778, 0.3996,
0.1762


 45.4373, 0.3761,
0.2162


 7.6201, 0.4116,
0.1562


 62.5005, 0.3708,
0.2254


 3.8529, 0.4272,
0.1310


 83.3762, 0.3663,
0.2332

 1.5916, 0.4478,
0.0990

 108.4486, 0.3624,
0.2399

 0.3519, 0.4815,
0.0466

 138.1022, 0.3591,
0.2458

 0.0000, 0.5190,
0.0000

 172.7214, 0.3562,

 0.0000, 0.7097,

0.2509

0.0000

212.6905, 0.3536,
0.2555

■ 0.0000, 0.0000,
0.0000

■ 21.2103, 0.3901,
0.1922

■ 21.2103, 0.3901,
0.1922

■ 21.2197, 0.3901,
0.1923

■ 22.0845, 0.3813,
0.1917

■ 23.7337, 0.3723,
0.1953

■ 26.4121, 0.3630,
0.2037

■ 30.2635, 0.3539,
0.2163

■ 35.4091, 0.3451,
0.2323

■ 41.9545, 0.3370,
0.2506

■ 49.9949, 0.3297,
0.2702

■ 59.6166, 0.3232,
0.2902

■ 70.8998, 0.3176,
0.3100

Harmonies

Analogous

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



21.2103, 0.2345, 0.1437



21.2103, 0.3901, 0.1922



21.2103, 0.5512, 0.2634

Triad

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



21.2103, 0.3901, 0.1922



21.2103, 0.4442, 0.5523



21.2103, 0.0846, 0.1978

Complementary

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



21.2103, 0.3901, 0.1922



60.2854, 0.2936, 0.5770

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.



21.2103, 0.1112, 0.3427



21.2103, 0.3901, 0.1922



21.2103, 0.3131, 0.6370

Square

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



21.2103, 0.3901, 0.1922



21.2103, 0.5562, 0.4353



21.2103, 0.1923, 0.5598



21.2103, 0.0948, 0.1385

Rectangle

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



21.2103, 0.3901, 0.1922



21.2103, 0.6051, 0.3150



21.2103, 0.1923, 0.5598



21.2103, 0.0887, 0.2343

Sweetspot

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



21.2197, 0.3901, 0.1923



59.4434, 0.3298, 0.2699



6.7665, 0.1602, 0.0656



11.8092, 0.3328, 0.2616



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.



21.2197, 0.3901, 0.1923



25.2748, 0.3904, 0.1924



18.2450, 0.5858, 0.3001



15.2514, 0.3173, 0.3110



11.7119, 0.3887, 0.1915



0.9340, 0.3774, 0.1853

Inverse Universe

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



21.2197, 0.3901, 0.1923



25.2748, 0.3904, 0.1924



62.8897, 0.2515, 0.4253



15.2514, 0.3173, 0.3110



11.7119, 0.3887, 0.1915



0.9340, 0.3774, 0.1853

Previews

White Background



This preview shows how the Yxy color 21.2103, 0.3901, 0.1922 looks on a white background.

Color Contrast Check

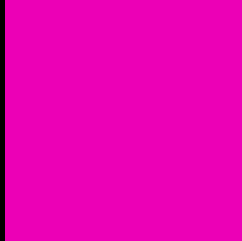
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2103, 0.3901, 0.1922 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 21.2103, 0.3901, 0.1922

Background



This preview shows how black text looks on a background with the Yxy color 21.2103, 0.3901, 0.1922.



This preview shows how white text looks on a background with the Yxy color 21.2103, 0.3901, 0.1922.

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

21.2103, 0.3901, 0.1922

Protanopia

22.1708, 0.1802, 0.1519

Deuteranopia

21.9326, 0.2615, 0.2570



Tritanopia

21.6367, 0.5377, 0.3270

Trichromacy



Original Color

21.2103, 0.3901, 0.1922



Protanomaly

14.7708, 0.2091, 0.1301



Deuteranomaly

16.5179, 0.3020, 0.1974



Tritanomaly

20.1578, 0.4930, 0.2688

Monochromacy



Original Color

21.2103, 0.3901, 0.1922



Achromatopsia

10.4616, 0.3127, 0.3290



Achromatomaly

10.4106, 0.3523, 0.2203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.2103, 0.3901, 0.1922 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(236, 0, 182)` looks like.

```
.text, #text, p{  
    color:rgb(236, 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(236, 0, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 0, 182) }
```

Border

The CSS property to change the border of an element to Yxy 21.2103, 0.3901, 0.1922 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(236, 0, 182) }
```

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

```
.border{ border-color:rgb(236, 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(236, 0, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 0, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 0, 182);  
box-shadow:4px 4px 4px 4px rgb(236, 0,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 21.2103, 0.3901, 0.1922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 0, 182) }
```

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

```
.background{ background-color: rgb(236, 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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