

Converting Colors

$Yxy(21.0049, 0.3766, 0.1897)$

Have a look what the booklet for
Yxy(21.0049, 0.3766, 0.1897)
contains.

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Color

Yxy(21.0210, 0.3777, 0.1902)

Conversions

Conversions Part 1

Format	Color
Hex	E619B9
RGB	230, 25, 185
RGB Percent	90%, 10%, 73%
CMY	0.0979, 0.9023, 0.2745
CMYK	0.00, 0.89, 0.20, 0.10
HSL	313°, 80%, 50%
HSV	313°, 89%, 90%
XYZ	41.7436, 21.0210, 47.7559
YIQ	104.5350, 70.8200, 93.2200

Conversions

Conversions Part 2

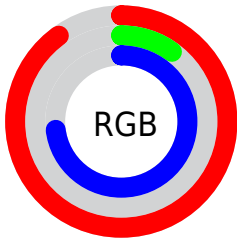
Format	Color
R _Y B	230, 25, 185
Decimal	15079865
CIE _{Lab}	52.97, 82.77, -33.04
CIE _{LCh}	53, 89.117, 338.239
Yxy	21.0210, 0.3777, 0.1902
Android (android.graphics.Color)	4293269945 (0xFFE619B9)
YUV	104.5350, 39.6692, 110.0328
Hunter-Lab	45.8487, 82.2828, -29.6623

Details

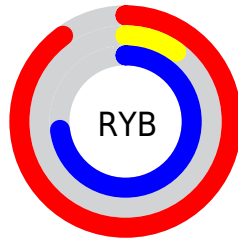
The Yxy color **21.0210, 0.3777, 0.1902** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **57.2552, 0.2913, 0.5595**, and the grayscale version is **13.8612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.3114, 0.3324, 0.2001**, and **10.1847, 0.3886, 0.1914** is the 20% darker color. If you saturate the color by 10%, you get **20.1622, 0.3860, 0.1903**, and if you desaturate by 10%, it is **22.6552, 0.3691, 0.1945**.

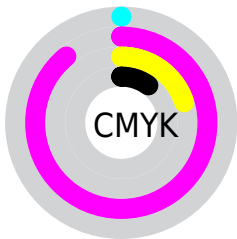
Distribution



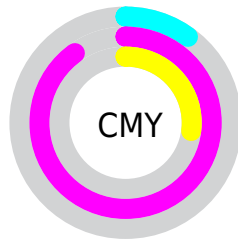
- Red (90%)
- Green (10%)
- Blue (73%)



- Red (90%)
- Yellow (10%)
- Blue (73%)



- Cyan (0%)
- Magenta (89%)
- Yellow (20%)
- Black (10%)





- Cyan (10%)
- Magenta (90%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.0210, 0.3777, 0.1902 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 21.0210, 0.3777, 0.1902 by changing the saturation by 10% instead.


 21.0210, 0.3777,
0.1902


 21.0210, 0.3777,
0.1902


257.3901, 0.3458,
0.2584


 13.1394, 0.3853,
0.1740


 45.1225, 0.3663,
0.2145


 7.5246, 0.3947,
0.1539


 62.1111, 0.3620,
0.2237

 3.7923, 0.4066,
0.1286


 82.9042, 0.3583,
0.2317

 1.5581, 0.4217,
0.0965

 107.8861, 0.3551,
0.2385

 0.3291, 0.4466,
0.0434

 137.4412, 0.3523,
0.2444

 0.0000, 0.4671,
0.0000

171.9540, 0.3499,

 0.0000, 0.4706,

0.2497

0.0000

211.8088, 0.3477,
0.2543

■ 0.0000, 0.0000,
0.0000

■ 21.0210, 0.3777,
0.1902

■ 21.0210, 0.3777,
0.1902

■ 20.1622, 0.3860,
0.1903

■ 22.6552, 0.3691,
0.1945

■ 20.1033, 0.3867,
0.1904

■ 25.2696, 0.3602,
0.2034

■ 28.9979, 0.3515,
0.2165

■ 33.9523, 0.3432,
0.2329

■ 40.2310, 0.3355,
0.2515

■ 47.9224, 0.3285,
0.2713

■ 57.1071, 0.3224,
0.2915

■ 67.8598, 0.3170,
0.3114

■ 80.2500, 0.3124,
0.3306

Harmonies

Analogous

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



21.0210, 0.2279, 0.1439



21.0210, 0.3777, 0.1902



21.0210, 0.5387, 0.2600

Triad

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



21.0210, 0.3777, 0.1902



21.0210, 0.4519, 0.5424



21.0210, 0.0878, 0.2066

Complementary

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



21.0210, 0.3777, 0.1902



57.2552, 0.2913, 0.5595

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.



21.0210, 0.1177, 0.3560



21.0210, 0.3777, 0.1902



21.0210, 0.3231, 0.6292

Square

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



21.0210, 0.3777, 0.1902



21.0210, 0.5590, 0.4288



21.0210, 0.2021, 0.5659



21.0210, 0.0956, 0.1433

Rectangle

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



21.0210, 0.3777, 0.1902



21.0210, 0.5976, 0.3113



21.0210, 0.2021, 0.5659



21.0210, 0.0927, 0.2448

Sweetspot

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



21.0221, 0.3777, 0.1902



62.7255, 0.3272, 0.2754



7.6853, 0.1707, 0.0767



12.6394, 0.3295, 0.2684



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.



21.0221, 0.3777, 0.1902



25.3844, 0.3871, 0.1906



18.1444, 0.5522, 0.2900



14.5582, 0.3171, 0.3108



11.3975, 0.3854, 0.1897



0.8557, 0.3741, 0.1835

Inverse Universe

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



21.0221, 0.3777, 0.1902



25.3844, 0.3871, 0.1906



59.7889, 0.2500, 0.4136



14.5582, 0.3171, 0.3108



11.3975, 0.3854, 0.1897



0.8557, 0.3741, 0.1835

Previews

White Background



This preview shows how the Yxy color 21.0210, 0.3777, 0.1902 looks on a white background.

Color Contrast Check

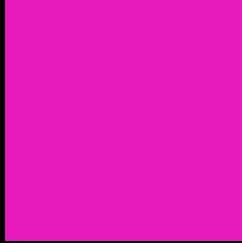
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0210, 0.3777, 0.1902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

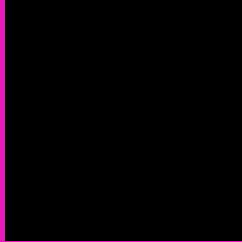
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.0210, 0.3777, 0.1902

Background



This preview shows how black text looks on a background with the Yxy color 21.0210, 0.3777, 0.1902.



This preview shows how white text looks on a background with the Yxy color 21.0210, 0.3777, 0.1902.

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

21.0210, 0.3777, 0.1902

Protanopia

21.7792, 0.1784, 0.1501

Deuteranopia

21.4884, 0.2535, 0.2486



Tritanopia

20.9835, 0.5227, 0.3247

Trichromacy



Original Color

21.0210, 0.3777, 0.1902



Protanomaly

15.6554, 0.2047, 0.1349



Deuteranomaly

17.4270, 0.2914, 0.2006



Tritanomaly

20.0816, 0.4749, 0.2688

Monochromacy



Original Color

21.0210, 0.3777, 0.1902



Achromatopsia

13.8432, 0.3127, 0.3290



Achromatomaly

13.2096, 0.3435, 0.2348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0210, 0.3777, 0.1902 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(230, 25, 185)` looks like.

```
.text, #text, p{  
    color:rgb(230, 25, 185)  
}
```

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(230, 25, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 25, 185) }
```

Border

The CSS property to change the border of an element to Yxy 21.0210, 0.3777, 0.1902 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(230, 25, 185) }
```

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

```
.border{ border-color:rgb(230, 25, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 25, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 25, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 25, 185); box-shadow:4px 4px 4px 4px rgb(230, 25, 185) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 21.0210, 0.3777, 0.1902$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 25, 185) }
```

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

```
.background{ background-color: rgb(230, 25,  
185) }
```

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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