

Converting Colors

$Yxy(21.1907, 0.4184, 0.2085)$

Have a look what the booklet for
Yxy(21.1907, 0.4184, 0.2085)
contains.

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Color

Yxy(21.1907, 0.4184, 0.2085)

Conversions

Conversions Part 1

Format	Color
Hex	EF04A6
RGB	239, 4, 166
RGB Percent	94%, 2%, 65%
CMY	0.0627, 0.9842, 0.3491
CMYK	0.00, 0.98, 0.31, 0.06
HSL	319°, 97%, 48%
HSV	319°, 98%, 94%
XYZ	42.5237, 21.1907, 37.9197
YIQ	92.7330, 88.0580, 100.2020

Conversions

Conversions Part 2

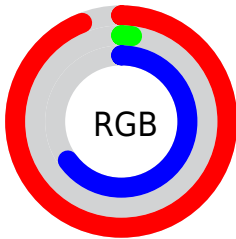
Format	Color
R_{YB}	239, 4, 166
Decimal	15664294
CIE _{Lab}	53.16, 84.32, -21.47
CIE _{LCh}	53, 87.013, 345.712
Yxy	21.1907, 0.4184, 0.2085
Android (android.graphics.Color)	4293854374 (0xFFEF04A6)
YUV	92.7330, 36.1206, 128.2762
Hunter-Lab	46.0334, 84.3324, -16.6164

Details

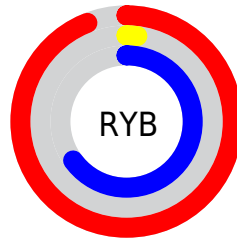
The Yxy color **21.1907, 0.4184, 0.2085** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **62.2992, 0.2883, 0.5567**, and the grayscale version is **10.7829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.4041, 0.3533, 0.2129**, and **10.5620, 0.4358, 0.2174** is the 20% darker color. If you saturate the color by 10%, you get **21.0590, 0.4206, 0.2091**, and if you desaturate by 10%, it is **22.2118, 0.4054, 0.2065**.

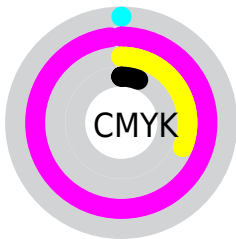
Distribution



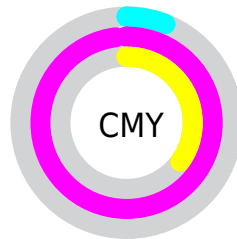
- Red (94%)
- Green (2%)
- Blue (65%)



- Red (94%)
- Yellow (2%)
- Blue (65%)



- Cyan (0%)
- Magenta (98%)
- Yellow (31%)
- Black (6%)





- Cyan (6%)
- Magenta (98%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.1907, 0.4184, 0.2085 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 21.1907, 0.4184, 0.2085 by changing the saturation by 10% instead.


 21.1907, 0.4184,
0.2085


 21.1907, 0.4184,
0.2085


258.2902, 0.3627,
0.2695


 13.2635, 0.4331,
0.1934


 45.4047, 0.3975,
0.2307


 7.6102, 0.4523,
0.1742


 62.4603, 0.3899,
0.2390


 3.8466, 0.4785,
0.1493


 83.3274, 0.3835,
0.2460

 1.5881, 0.5156,
0.1163

 108.3904, 0.3780,
0.2521

 0.3496, 0.5806,
0.0574

 138.0339, 0.3734,
0.2573

 0.0000, 0.6807,
0.0000

172.6421, 0.3693,

 0.0000, 1.0000,

0.2619

0.0000

212.5994, 0.3658,
0.2659

■ 0.0000, 0.0000,
0.0000

■ 21.1907, 0.4184,
0.2085

■ 21.1907, 0.4184,
0.2085

■ 21.0590, 0.4206,
0.2091

■ 22.2118, 0.4054,
0.2065

■ 24.1215, 0.3920,
0.2094

■ 27.1248, 0.3786,
0.2172

■ 31.3654, 0.3657,
0.2292

■ 36.9653, 0.3536,
0.2442

■ 44.0316, 0.3428,
0.2611

■ 52.6607, 0.3332,
0.2791

■ 62.9408, 0.3249,
0.2972

■ 74.9534, 0.3178,
0.3149

Harmonies

Analogous

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



21.1907, 0.2614, 0.1556



21.1907, 0.4184, 0.2085



21.1907, 0.5611, 0.2809

Triad

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



21.1907, 0.4184, 0.2085



21.1907, 0.4198, 0.5655



21.1907, 0.0901, 0.1879

Complementary

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



21.1907, 0.4184, 0.2085



62.2992, 0.2883, 0.5567

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.



21.1907, 0.1096, 0.3102



21.1907, 0.4184, 0.2085



21.1907, 0.2943, 0.6254

Square

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



21.1907, 0.4184, 0.2085



21.1907, 0.5334, 0.4555



21.1907, 0.1797, 0.5126



21.1907, 0.1058, 0.1393

Rectangle

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



21.1907, 0.4184, 0.2085



21.1907, 0.5987, 0.3328



21.1907, 0.1797, 0.5126



21.1907, 0.0922, 0.2184

Sweetspot

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



21.1919, 0.4184, 0.2085



60.1555, 0.3339, 0.2777



7.7960, 0.1704, 0.0719



11.9245, 0.3379, 0.2699



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.



21.1919, 0.4184, 0.2085



24.3852, 0.4210, 0.2093



18.6783, 0.6066, 0.3126



15.9429, 0.3185, 0.3129



11.6616, 0.4186, 0.2080



0.9879, 0.4026, 0.1991

Inverse Universe

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



21.1919, 0.4184, 0.2085



24.3852, 0.4210, 0.2093



65.5690, 0.2430, 0.3940



15.9429, 0.3185, 0.3129



11.6616, 0.4186, 0.2080



0.9879, 0.4026, 0.1991

Previews

White Background



This preview shows how the Yxy color 21.1907, 0.4184, 0.2085 looks on a white background.

Color Contrast Check

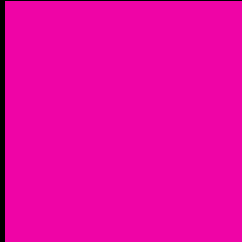
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1907, 0.4184, 0.2085 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 21.1907, 0.4184, 0.2085

Background



This preview shows how black text looks on a background with the Yxy color 21.1907, 0.4184, 0.2085.



This preview shows how white text looks on a background with the Yxy color 21.1907, 0.4184, 0.2085.

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

21.1907, 0.4184, 0.2085

Protanopia

22.1212, 0.1934, 0.1696

Deuteranopia

21.5458, 0.2837, 0.2778



Tritanopia

21.4696, 0.5542, 0.3281

Trichromacy



Original Color

21.1907, 0.4184, 0.2085



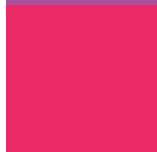
Protanomaly

15.4935, 0.2350, 0.1503



Deuteranomaly

16.7129, 0.3303, 0.2178



Tritanomaly

20.3894, 0.5150, 0.2791

Monochromacy



Original Color

21.1907, 0.4184, 0.2085



Achromatopsia

10.9462, 0.3127, 0.3290



Achromatomaly

10.8045, 0.3623, 0.2315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.1907, 0.4184, 0.2085 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(239, 4, 166)` looks like.

```
.text, #text, p{  
    color:rgb(239, 4, 166)  
}
```

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(239, 4, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 4, 166) }
```

Border

The CSS property to change the border of an element to Yxy 21.1907, 0.4184, 0.2085 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(239, 4, 166) }
```

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

```
.border{ border-color:rgb(239, 4, 166) }
```

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

Here you see how a box with a 4 pixel rgb(239, 4, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 4, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 4, 166);  
box-shadow:4px 4px 4px 4px rgb(239, 4,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 21.1907, 0.4184, 0.2085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 4, 166) }
```

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

```
.background{ background-color: rgb(239, 4,  
166) }
```

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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