

Converting Colors

Yxy(21.3989, 0.4973, 0.2530)

Have a look what the booklet for
Yxy(21.3989, 0.4973, 0.2530)
contains.

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Color

Yxy(21.4248, 0.4981, 0.2535)

Conversions

Conversions Part 1

Format	Color
Hex	F7097C
RGB	247, 9, 124
RGB Percent	97%, 4%, 49%
CMY	0.0313, 0.9649, 0.5136
CMYK	0.00, 0.96, 0.50, 0.03
HSL	331°, 94%, 50%
HSV	331°, 96%, 97%
XYZ	42.0974, 21.4248, 20.9938
YIQ	93.2720, 104.9330, 86.2210

Conversions

Conversions Part 2

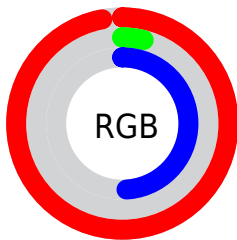
Format	Color
R_{YB}	247, 9, 124
Decimal	16189820
CIE _{Lab}	53.41, 81.95, 4.13
CIE _{LCh}	53, 82.050, 2.887
Yxy	21.4248, 0.4981, 0.2535
Android (android.graphics.Color)	4294379900 (0xFFFF7097C)
YUV	93.2720, 15.1489, 134.8195
Hunter-Lab	46.2869, 81.3415, 5.5094

Details

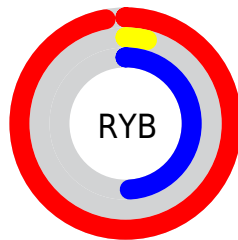
The Yxy color **21.4248, 0.4981, 0.2535** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **68.2492, 0.2705, 0.4918**, and the grayscale version is **10.9528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5089, 0.4068, 0.2541**, and **10.7121, 0.5324, 0.2707** is the 20% darker color. If you saturate the color by 10%, you get **21.1174, 0.5069, 0.2566**, and if you desaturate by 10%, it is **22.7002, 0.4730, 0.2473**.

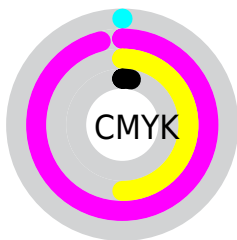
Distribution



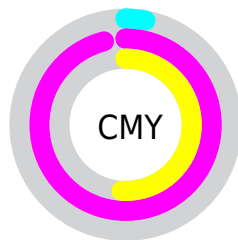
- Red (97%)
- Green (4%)
- Blue (49%)



- Red (97%)
- Yellow (4%)
- Blue (49%)



- Cyan (0%)
- Magenta (96%)
- Yellow (50%)
- Black (3%)





- Cyan (3%)
- Magenta (96%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.4248, 0.4981, 0.2535 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 21.4248, 0.4981, 0.2535 by changing the saturation by 10% instead.


 21.4248, 0.4981,
0.2535


 21.4248, 0.4981,
0.2535


259.5275, 0.3951,
0.2965


 13.4349, 0.5270,
0.2411


 45.7935, 0.4583,
0.2704

 7.7287, 0.5657,
0.2241

 62.9410, 0.4440,
0.2763

 3.9218, 0.6195,
0.2001

 83.9098, 0.4323,
0.2812

 1.6299, 0.6970,
0.1643

 109.0843, 0.4224,
0.2853

 0.3777, 0.8736,
0.0955

 138.8490, 0.4140,
0.2887

 0.0000, 1.0000,
0.0000

173.5881, 0.4068,

 0.0000, 0.0000,

0.2917

0.0000

213.6862, 0.4006,
0.2942

■ 21.4248, 0.4981,
0.2535

■ 21.4248, 0.4981,
0.2535

■ 21.1174, 0.5069,
0.2566

■ 22.7002, 0.4730,
0.2473

■ 25.0252, 0.4470,
0.2466

■ 28.5903, 0.4214,
0.2510

■ 33.5473, 0.3977,
0.2594

■ 40.0259, 0.3765,
0.2704

■ 48.1408, 0.3581,
0.2829

■ 57.9957, 0.3425,
0.2960

■ 69.6853, 0.3294,
0.3089

■ 83.2979, 0.3186,
0.3214

Harmonies

Analogous

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



21.4248, 0.3459, 0.1890



21.4248, 0.4981, 0.2535



21.4248, 0.5824, 0.3290

Triad

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



21.4248, 0.4981, 0.2535



21.4248, 0.3511, 0.5991



21.4248, 0.1030, 0.1617

Complementary

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



21.4248, 0.4981, 0.2535



68.2492, 0.2705, 0.4918

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.



21.4248, 0.1021, 0.2355



21.4248, 0.4981, 0.2535



21.4248, 0.2327, 0.5668

Square

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



21.4248, 0.4981, 0.2535



21.4248, 0.4688, 0.5142



21.4248, 0.1416, 0.3892



21.4248, 0.1376, 0.1389

Rectangle

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



21.4248, 0.4981, 0.2535



21.4248, 0.5774, 0.3837



21.4248, 0.1416, 0.3892



21.4248, 0.0990, 0.1792

Sweetspot

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



21.4261, 0.4981, 0.2535



59.3273, 0.3464, 0.2925



11.4980, 0.2044, 0.0911



11.7265, 0.3531, 0.2869



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.



21.4261, 0.4981, 0.2535



22.6967, 0.5073, 0.2568



19.9898, 0.6356, 0.3300



16.6160, 0.3218, 0.3176



11.1958, 0.5031, 0.2545



1.0047, 0.4742, 0.2386

Inverse Universe

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



21.4261, 0.4981, 0.2535



22.6967, 0.5073, 0.2568



73.3011, 0.2250, 0.3287



16.6160, 0.3218, 0.3176



11.1958, 0.5031, 0.2545



1.0047, 0.4742, 0.2386

Previews

White Background



This preview shows how the Yxy color 21.4248, 0.4981, 0.2535 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 21.4248, 0.4981, 0.2535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

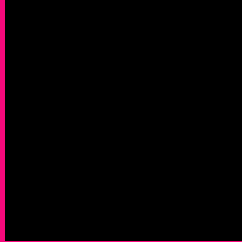
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.4248, 0.4981, 0.2535

Background



This preview shows how black text looks on a background with the Yxy color 21.4248, 0.4981, 0.2535.



This preview shows how white text looks on a background with the Yxy color 21.4248, 0.4981, 0.2535.

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

21.4248, 0.4981, 0.2535

Protanopia

21.9441, 0.2499, 0.2433

Deuteranopia

21.7412, 0.3519, 0.3462



Tritanopia

21.7446, 0.5919, 0.3298

Trichromacy



Original Color

21.4248, 0.4981, 0.2535



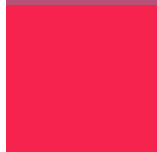
Protanomaly

16.5252, 0.3220, 0.2187



Deuteranomaly

17.4099, 0.4139, 0.2792



Tritanomaly

21.1504, 0.5676, 0.3032

Monochromacy



Original Color

21.4248, 0.4981, 0.2535



Achromatopsia

10.9462, 0.3127, 0.3290



Achromatomaly

10.8343, 0.3979, 0.2594

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.4248, 0.4981, 0.2535 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(247, 9, 124)` looks like.

```
.text, #text, p{  
    color:rgb(247, 9, 124)  
}
```

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(247, 9, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 9, 124) }
```

Border

The CSS property to change the border of an element to Yxy 21.4248, 0.4981, 0.2535 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(247, 9, 124) }
```

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

```
.border{ border-color:rgb(247, 9, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 9, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 9, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 9, 124);  
box-shadow:4px 4px 4px 4px rgb(247, 9,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 21.4248, 0.4981, 0.2535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 9, 124) }
```

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

```
.background{ background-color: rgb(247, 9,  
124) }
```

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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