

Converting Colors

$Y_{xy}(21.5375, 0.4733, 0.2398)$

Have a look what the booklet for
Yxy(21.5375, 0.4733, 0.2398)
contains.

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Color

Yxy(21.5943, 0.4746, 0.2405)

Conversions

Conversions Part 1

Format	Color
Hex	F60989
RGB	246, 9, 137
RGB Percent	96%, 4%, 54%
CMY	0.0354, 0.9639, 0.4628
CMYK	0.00, 0.96, 0.44, 0.04
HSL	328°, 93%, 50%
HSV	328°, 96%, 96%
XYZ	42.6139, 21.5943, 25.5809
YIQ	94.4550, 100.1640, 90.0520

Conversions

Conversions Part 2

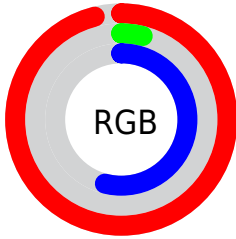
Format	Color
R_{YB}	246, 9, 137
Decimal	16124297
CIE _{Lab}	53.59, 82.71, -3.42
CIE _{LCh}	54, 82.782, 357.632
Yxy	21.5943, 0.4746, 0.2405
Android (android.graphics.Color)	4294314377 (0xFFFF60989)
YUV	94.4550, 20.9747, 132.9050
Hunter-Lab	46.4697, 82.3674, -0.1096

Details

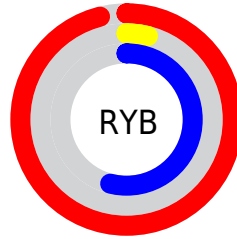
The Yxy color **21.5943, 0.4746, 0.2405** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **67.2749, 0.2756, 0.5100**, and the grayscale version is **11.2672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.0920, 0.3891, 0.2408**, and **10.7554, 0.5062, 0.2562** is the 20% darker color. If you saturate the color by 10%, you get **21.2763, 0.4826, 0.2432**, and if you desaturate by 10%, it is **22.8710, 0.4527, 0.2357**.

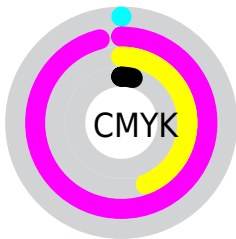
Distribution



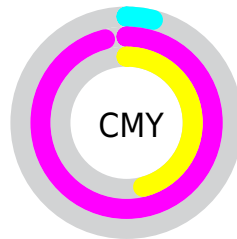
- Red (96%)
- Green (4%)
- Blue (54%)



- Red (96%)
- Yellow (4%)
- Blue (54%)



- Cyan (0%)
- Magenta (96%)
- Yellow (44%)
- Black (4%)



- Cyan (4%)
- Magenta (96%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.5943, 0.4746, 0.2405 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 21.5943, 0.4746, 0.2405 by changing the saturation by 10% instead.


 21.5943, 0.4746,
0.2405


 21.5943, 0.4746,
0.2405


260.4202, 0.3855,
0.2885


 13.5591, 0.4994,
0.2274


 46.0745, 0.4403,
0.2588

 7.8147, 0.5327,
0.2101


 63.2884, 0.4280,
0.2654

 3.9766, 0.5791,
0.1862

 84.3305, 0.4178,
0.2709

 1.6605, 0.6470,
0.1520

 109.5854, 0.4093,
0.2755

 0.3979, 0.7685,
0.0861

 139.4375, 0.4020,
0.2795

 0.0000, 1.0000,
0.0000

174.2710, 0.3957,

 0.0000, 0.0000,

0.2829

0.0000

214.4705, 0.3903,
0.2859

■ 21.5943, 0.4746,
0.2405

■ 21.5943, 0.4746,
0.2405

■ 21.2763, 0.4826,
0.2432

■ 22.8710, 0.4527,
0.2357

■ 25.1825, 0.4302,
0.2363

■ 28.7159, 0.4083,
0.2420

■ 33.6207, 0.3877,
0.2517

■ 40.0247, 0.3693,
0.2641

■ 48.0409, 0.3531,
0.2779

■ 57.7713, 0.3393,
0.2924

■ 69.3095, 0.3277,
0.3068

■ 82.7422, 0.3179,
0.3207

Harmonies

Analogous

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



21.5943, 0.3195, 0.1793



21.5943, 0.4746, 0.2405



21.5943, 0.5771, 0.3150

Triad

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



21.5943, 0.4746, 0.2405



21.5943, 0.3720, 0.5902



21.5943, 0.0996, 0.1693

Complementary

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



21.5943, 0.4746, 0.2405



67.2749, 0.2756, 0.5100

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.



21.5943, 0.1047, 0.2555



21.5943, 0.4746, 0.2405



21.5943, 0.2519, 0.5876

Square

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



21.5943, 0.4746, 0.2405



21.5943, 0.4881, 0.4963



21.5943, 0.1530, 0.4238



21.5943, 0.1281, 0.1395

Rectangle

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



21.5943, 0.4746, 0.2405



21.5943, 0.5842, 0.3685



21.5943, 0.1530, 0.4238



21.5943, 0.0975, 0.1901

Sweetspot

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



21.5956, 0.4746, 0.2405



59.5461, 0.3429, 0.2884



10.5493, 0.1953, 0.0862



11.7785, 0.3488, 0.2822



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.



21.5956, 0.4746, 0.2405



23.0835, 0.4830, 0.2434



19.8444, 0.6309, 0.3274



16.6321, 0.3209, 0.3163



11.3868, 0.4793, 0.2414



1.0215, 0.4539, 0.2274

Inverse Universe

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



21.5956, 0.4746, 0.2405



23.0835, 0.4830, 0.2434



71.9107, 0.2292, 0.3438



16.6321, 0.3209, 0.3163



11.3868, 0.4793, 0.2414



1.0215, 0.4539, 0.2274

Previews

White Background



This preview shows how the Yxy color 21.5943, 0.4746, 0.2405 looks on a white background.

Color Contrast Check

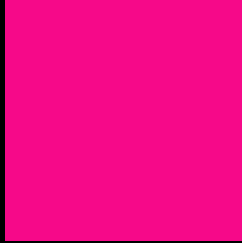
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5943, 0.4746, 0.2405 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 21.5943, 0.4746, 0.2405

Background



This preview shows how black text looks on a background with the Yxy color 21.5943, 0.4746, 0.2405.



This preview shows how white text looks on a background with the Yxy color 21.5943, 0.4746, 0.2405.

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

21.5943, 0.4746, 0.2405

Protanopia

22.2132, 0.2313, 0.2187

Deuteranopia

21.9503, 0.3311, 0.3256



Tritanopia

21.8951, 0.5817, 0.3291

Trichromacy



Original Color

21.5943, 0.4746, 0.2405



Protanomaly

16.5037, 0.2946, 0.1975



Deuteranomaly

17.5285, 0.3881, 0.2615



Tritanomaly

21.0968, 0.5536, 0.2972

Monochromacy



Original Color

21.5943, 0.4746, 0.2405



Achromatopsia

11.4435, 0.3127, 0.3290



Achromatomaly

11.2766, 0.3869, 0.2533

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.5943, 0.4746, 0.2405 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(246, 9, 137)` looks like.

```
.text, #text, p{  
    color:rgb(246, 9, 137)  
}
```

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(246, 9, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 9, 137) }
```

Border

The CSS property to change the border of an element to Yxy 21.5943, 0.4746, 0.2405 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(246, 9, 137) }
```

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

```
.border{ border-color:rgb(246, 9, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 9, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 9, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 9, 137);  
box-shadow:4px 4px 4px 4px rgb(246, 9,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 21.5943, 0.4746, 0.2405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 9, 137) }
```

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

```
.background{ background-color: rgb(246, 9,  
137) }
```

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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