

Converting Colors

$Y_{xy}(21.6939, 0.5151, 0.2672)$

Have a look what the booklet for
Yxy(21.6939, 0.5151, 0.2672)
contains.

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Color

Yxy(21.6197, 0.5151, 0.2673)

Conversions

Conversions Part 1

Format	Color
Hex	F71871
RGB	247, 24, 113
RGB Percent	97%, 9%, 44%
CMY	0.0314, 0.9056, 0.5569
CMYK	0.00, 0.90, 0.54, 0.03
HSL	336°, 93%, 53%
HSV	336°, 90%, 97%
XYZ	41.6622, 21.6197, 17.5999
YIQ	100.8230, 104.3390, 74.9550

Conversions

Conversions Part 2

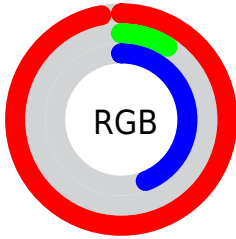
Format	Color
R_{YB}	247, 24, 113
Decimal	16193649
CIE _{Lab}	53.62, 79.72, 11.09
CIE _{LCh}	54, 80.491, 7.919
Yxy	21.6197, 0.5151, 0.2673
Android (android.graphics.Color)	4294383729 (0xFFFF71871)
YUV	100.8230, 6.0033, 128.1972
Hunter-Lab	46.4970, 78.5697, 10.1057

Details

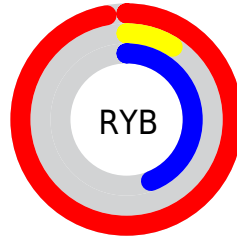
The Yxy color **21.6197, 0.5151, 0.2673** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **69.1809, 0.2609, 0.4533**, and the grayscale version is **12.9417, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6408, 0.4214, 0.2686**, and **10.4606, 0.5534, 0.2822** is the 20% darker color. If you saturate the color by 10%, you get **20.6639, 0.5427, 0.2763**, and if you desaturate by 10%, it is **23.5049, 0.4844, 0.2628**.

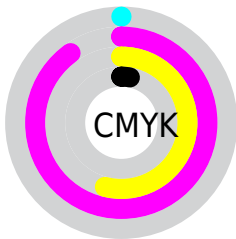
Distribution



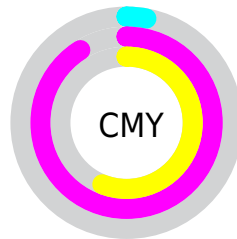
- Red (97%)
- Green (9%)
- Blue (44%)



- Red (97%)
- Yellow (9%)
- Blue (44%)



- Cyan (0%)
- Magenta (90%)
- Yellow (54%)
- Black (3%)





- Cyan (3%)
- Magenta (91%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.6197, 0.5151, 0.2673 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 21.6197, 0.5151, 0.2673 by changing the saturation by 10% instead.


 21.6197, 0.5151,
0.2673


 21.6197, 0.5151,
0.2673


260.5538, 0.4023,
0.3046


 13.5777, 0.5466,
0.2557


 46.1166, 0.4715,
0.2825

 7.8276, 0.5887,
0.2394

 63.3404, 0.4558,
0.2877


 3.9848, 0.6465,
0.2155

 84.3935, 0.4429,
0.2919

 1.6651, 0.7282,
0.1787

 109.6604, 0.4321,
0.2954

 0.4009, 0.8938,
0.1062

 139.5255, 0.4230,
0.2983

 0.0000, 1.0000,
0.0000

174.3732, 0.4151,

 0.0000, 0.0000,

0.3007

0.0000

214.5878, 0.4083,
0.3028

■ 21.6197, 0.5151,
0.2673

■ 21.6197, 0.5151,
0.2673

■ 20.6639, 0.5427,
0.2763


■ 23.5049, 0.4844,
0.2628


■ 26.5743, 0.4531,
0.2635


■ 30.9936, 0.4234,
0.2686


■ 36.9009, 0.3967,
0.2767

■ 44.4169, 0.3735,
0.2866

 53.6499, 0.3538,
0.2974

 64.6985, 0.3375,
0.3083

 77.6541, 0.3240,
0.3188

 92.6017, 0.3130,
0.3288

Harmonies

Analogous

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



21.6197, 0.3709, 0.2005



21.6197, 0.5151, 0.2673



21.6197, 0.5806, 0.3434

Triad

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



21.6197, 0.5151, 0.2673



21.6197, 0.3320, 0.5997



21.6197, 0.1091, 0.1579

Complementary

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



21.6197, 0.5151, 0.2673



69.1809, 0.2609, 0.4533

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.



21.6197, 0.1028, 0.2207



21.6197, 0.5151, 0.2673



21.6197, 0.2170, 0.5380

Square

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



21.6197, 0.5151, 0.2673



21.6197, 0.4492, 0.5291



21.6197, 0.1346, 0.3577



21.6197, 0.1497, 0.1413

Rectangle

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



21.6197, 0.5151, 0.2673



21.6197, 0.5658, 0.3992



21.6197, 0.1346, 0.3577



21.6197, 0.1034, 0.1725

Sweetspot

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



21.6210, 0.5151, 0.2673



61.2764, 0.3482, 0.3009



14.6228, 0.2310, 0.1083



12.2972, 0.3542, 0.2972



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.



21.6210, 0.5151, 0.2673



22.2138, 0.5431, 0.2766



21.8216, 0.6142, 0.3392



16.5920, 0.3231, 0.3196



10.9558, 0.5384, 0.2740



0.9826, 0.5052, 0.2557

Inverse Universe

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



21.6210, 0.5151, 0.2673



22.2138, 0.5431, 0.2766



60.5972, 0.2179, 0.3000



16.5920, 0.3231, 0.3196



10.9558, 0.5384, 0.2740



0.9826, 0.5052, 0.2557

Previews

White Background



This preview shows how the Yxy color 21.6197, 0.5151, 0.2673 looks on a white background.

Color Contrast Check

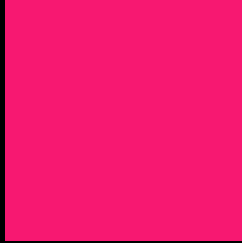
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6197, 0.5151, 0.2673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

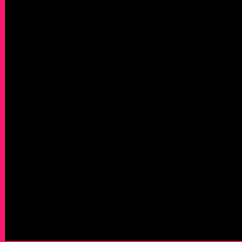
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.6197, 0.5151, 0.2673

Background



This preview shows how black text looks on a background with the Yxy color 21.6197, 0.5151, 0.2673.



This preview shows how white text looks on a background with the Yxy color 21.6197, 0.5151, 0.2673.

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

21.6197, 0.5151, 0.2673

Protanopia

22.1119, 0.2714, 0.2712

Deuteranopia

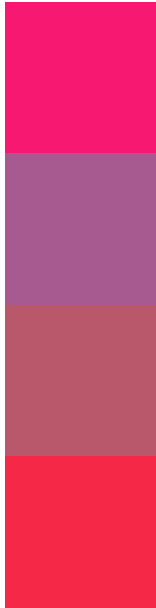
21.8786, 0.3706, 0.3647



Tritanopia

21.6515, 0.5935, 0.3298

Trichromacy



Original Color

21.6197, 0.5151, 0.2673

Protanomaly

17.5414, 0.3486, 0.2483

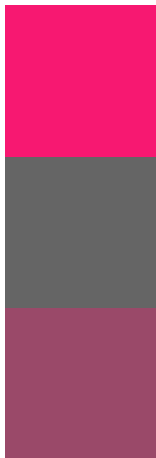
Deuteranomaly

18.3553, 0.4317, 0.3030

Tritanomaly

21.3979, 0.5724, 0.3094

Monochromacy



Original Color

21.6197, 0.5151, 0.2673

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

12.6550, 0.3990, 0.2766

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6197, 0.5151, 0.2673 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, 24, 113)` looks like.

```
.text, #text, p{  
    color:rgb(247, 24, 113)  
}
```

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, 24, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 24, 113) }
```

Border

The CSS property to change the border of an element to Yxy 21.6197, 0.5151, 0.2673 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, 24, 113) }
```

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

```
.border{ border-color:rgb(247, 24, 113) }
```

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

Here you see how a box with a 4 pixel rgb(247, 24, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 24, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 24, 113);  
box-shadow:4px 4px 4px 4px rgb(247, 24,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6197, 0.5151, 0.2673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 24, 113) }
```

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

```
.background{ background-color: rgb(247, 24,  
113) }
```

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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