

Converting Colors

Yxy(25.0104, 0.4397, 0.2446)

Have a look what the booklet for
Yxy(25.0104, 0.4397, 0.2446)
contains.

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Color

Yxy(25.0170, 0.4404, 0.2449)

Conversions

Conversions Part 1

Format	Color
Hex	F53D98
RGB	245, 61, 152
RGB Percent	96%, 24%, 60%
CMY	0.0393, 0.7606, 0.4041
CMYK	0.00, 0.75, 0.38, 0.04
HSL	330°, 90%, 60%
HSV	330°, 75%, 96%
XYZ	44.9877, 25.0170, 32.1472
YIQ	126.3900, 80.4530, 67.3090

Conversions

Conversions Part 2

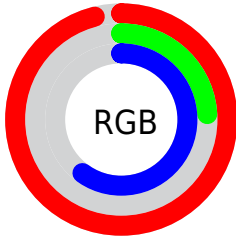
Format	Color
R _Y B	245, 61, 152
Decimal	16072088
CIE Lab	57.09, 74.61, -7.15
CIE LCh	57, 74.953, 354.522
Yxy	25.0170, 0.4404, 0.2449
Android (android.graphics.Color)	4294262168 (0xFFFF53D98)
YUV	126.3900, 12.6257, 104.0210
Hunter-Lab	50.0170, 73.0218, -3.0953

Details

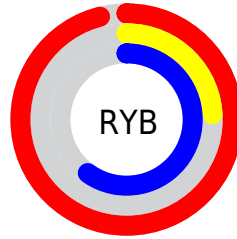
The Yxy color **25.0170, 0.4404, 0.2449** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **68.6282, 0.2681, 0.4552**, and the grayscale version is **20.9448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.1315, 0.3662, 0.2466**, and **11.0069, 0.4739, 0.2384** is the 20% darker color. If you saturate the color by 10%, you get **22.5865, 0.4658, 0.2446**, and if you desaturate by 10%, it is **28.6861, 0.4158, 0.2501**.

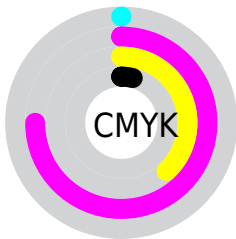
Distribution



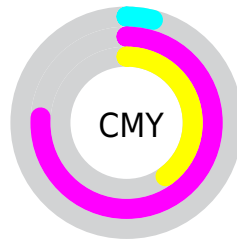
- Red (96%)
- Green (24%)
- Blue (60%)



- Red (96%)
- Yellow (24%)
- Blue (60%)



- Cyan (0%)
- Magenta (75%)
- Yellow (38%)
- Black (4%)




- Cyan (4%)
- Magenta (76%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.0170, 0.4404, 0.2449 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 25.0170, 0.4404, 0.2449 by changing the saturation by 10% instead.


 25.0170, 0.4404,
0.2449


 25.0170, 0.4404,
0.2449


277.9226, 0.3717,
0.2890


 16.0897, 0.4590,
0.2334


 51.6848, 0.4143,
0.2613

 9.5877, 0.4838,
0.2183


 70.1941, 0.4049,
0.2674

 5.1264, 0.5181,
0.1979


 92.6662, 0.3970,
0.2725

 2.3216, 0.5682,
0.1692

 119.4855, 0.3904,
0.2768

 0.7851, 0.6465,
0.1264

 151.0364, 0.3847,
0.2805

 0.0000, 0.9196,
0.0000

187.7033, 0.3798,


 0.0000, 1.0000,


0.2837


0.0000


229.8706, 0.3755,
0.2865


 0.0000, 0.0000,
0.0000


 25.0170, 0.4404,
0.2449

 25.0170, 0.4404,
0.2449


 22.5865, 0.4658,
0.2446

 28.6861, 0.4158,
0.2501

 21.2119, 0.4904,
0.2499


 33.7350, 0.3929,
0.2592


 20.7937, 0.5021,
0.2540


 40.2897, 0.3726,
0.2707


 48.4612, 0.3550,
0.2836

 58.3496, 0.3401,
0.2970

 70.0469, 0.3276,
0.3102

 83.6386, 0.3173,
0.3228

 97.9010, 0.3088,
0.3328

 98.1509, 0.3066,
0.3290

Harmonies

Analogous

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



25.0170, 0.3070, 0.1899



25.0170, 0.4404, 0.2449



25.0170, 0.5387, 0.3149

Triad

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



25.0170, 0.4404, 0.2449



25.0170, 0.3863, 0.5552



25.0170, 0.1177, 0.1934

Complementary

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



25.0170, 0.4404, 0.2449



68.6282, 0.2681, 0.4552

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.



25.0170, 0.1282, 0.2803



25.0170, 0.4404, 0.2449



25.0170, 0.2762, 0.5544

Square

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



25.0170, 0.4404, 0.2449



25.0170, 0.4863, 0.4783



25.0170, 0.1808, 0.4280



25.0170, 0.1412, 0.1592

Rectangle

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



25.0170, 0.4404, 0.2449



25.0170, 0.5557, 0.3654



25.0170, 0.1808, 0.4280



25.0170, 0.1172, 0.2154

Sweetspot

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



25.0184, 0.4404, 0.2449



66.3527, 0.3374, 0.2997



16.7075, 0.2302, 0.1229



13.2840, 0.3423, 0.2949



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.



25.0184, 0.4404, 0.2449



23.8391, 0.4785, 0.2466



23.0900, 0.5737, 0.3298



16.6191, 0.3216, 0.3174



11.2308, 0.4985, 0.2520



1.0078, 0.4702, 0.2364

Inverse Universe

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



25.0184, 0.4404, 0.2449



23.8391, 0.4785, 0.2466



72.8849, 0.2303, 0.3288



16.6191, 0.3216, 0.3174



11.2308, 0.4985, 0.2520



1.0078, 0.4702, 0.2364

Previews

White Background



This preview shows how the Yxy color 25.0170, 0.4404, 0.2449 looks on a white background.

Color Contrast Check

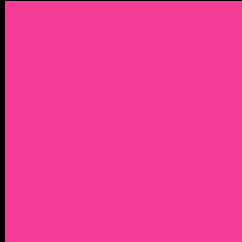
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0170, 0.4404, 0.2449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

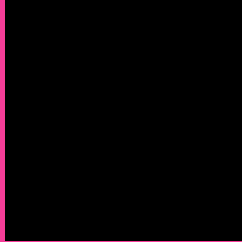
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0170, 0.4404, 0.2449

Background



This preview shows how black text looks on a background with the Yxy color 25.0170, 0.4404, 0.2449.



This preview shows how white text looks on a background with the Yxy color 25.0170, 0.4404, 0.2449.

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

25.0170, 0.4404, 0.2449

Protanopia

25.2580, 0.2392, 0.2288

Deuteranopia

25.0541, 0.3191, 0.3128



Tritanopia

24.9027, 0.5290, 0.3261

Trichromacy



Original Color

25.0170, 0.4404, 0.2449



Protanomaly

21.9306, 0.2947, 0.2228



Deuteranomaly

22.6580, 0.3628, 0.2742



Tritanomaly

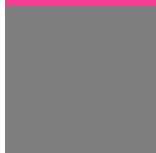
24.7465, 0.4998, 0.2962

Monochromacy



Original Color

25.0170, 0.4404, 0.2449



Achromatopsia

20.8637, 0.3127, 0.3290



Achromatomaly

19.6870, 0.3612, 0.2790

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0170, 0.4404, 0.2449 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(245, 61, 152)` looks like.

```
.text, #text, p{  
    color:rgb(245, 61, 152)  
}
```

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(245, 61, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 61, 152) }
```

Border

The CSS property to change the border of an element to Yxy 25.0170, 0.4404, 0.2449 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(245, 61, 152) }
```

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

```
.border{ border-color:rgb(245, 61, 152) }
```

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

Here you see how a box with a 4 pixel rgb(245, 61, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 61, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 61, 152);  
box-shadow:4px 4px 4px 4px rgb(245, 61,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0170, 0.4404, 0.2449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 61, 152) }
```

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

```
.background{ background-color: rgb(245, 61,  
152) }
```

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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