

Converting Colors

$Y_{xy}(24.7622, 0.4113, 0.2203)$

Have a look what the booklet for
Yxy(24.7622, 0.4113, 0.2203)
contains.

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Color

Yxy(24.8470, 0.4116, 0.2207)

Conversions

Conversions Part 1

Format	Color
Hex	F534AC
RGB	245, 52, 172
RGB Percent	96%, 20%, 67%
CMY	0.0391, 0.7963, 0.3254
CMYK	0.00, 0.79, 0.30, 0.04
HSL	323°, 91%, 58%
HSV	323°, 79%, 96%
XYZ	46.3390, 24.8470, 41.3967
YIQ	123.3870, 76.5080, 78.2360

Conversions

Conversions Part 2

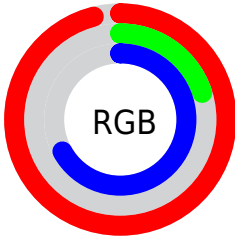
Format	Color
R _Y B	245, 52, 172
Decimal	16069804
CIE _{Lab}	56.93, 79.19, -19.15
CIE _{LCh}	57, 81.472, 346.403
Yxy	24.8470, 0.4116, 0.2207
Android (android.graphics.Color)	4294259884 (0xFFFF534AC)
YUV	123.3870, 23.9662, 106.6546
Hunter-Lab	49.8468, 78.7071, -14.3463

Details

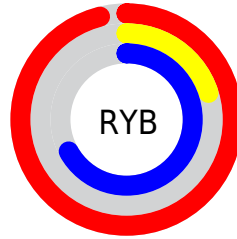
The Yxy color **24.8470, 0.4116, 0.2207** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **67.5282, 0.2783, 0.4975**, and the grayscale version is **19.8356, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.9997, 0.3450, 0.2237**, and **11.5464, 0.4330, 0.2159** is the 20% darker color. If you saturate the color by 10%, you get **22.8575, 0.4289, 0.2195**, and if you desaturate by 10%, it is **27.9970, 0.3944, 0.2270**.

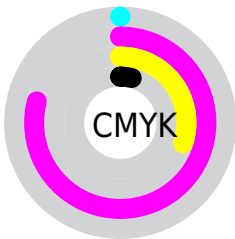
Distribution



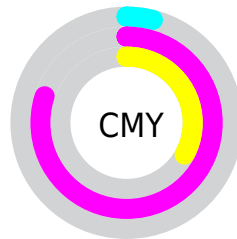
- Red (96%)
- Green (20%)
- Blue (67%)



- Red (96%)
- Yellow (20%)
- Blue (67%)



- Cyan (0%)
- Magenta (79%)
- Yellow (30%)
- Black (4%)




- Cyan (4%)
- Magenta (80%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8470, 0.4116, 0.2207 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 24.8470, 0.4116, 0.2207 by changing the saturation by 10% instead.


 24.8470, 0.4116,
0.2207


 24.8470, 0.4116,
0.2207


277.0751, 0.3601,
0.2750


 15.9631, 0.4250,
0.2073


 51.4089, 0.3925,
0.2403

 9.4980, 0.4424,
0.1904


 69.8557, 0.3854,
0.2477


 5.0674, 0.4660,
0.1684


 92.2589, 0.3795,
0.2540

 2.2869, 0.4993,
0.1389

 119.0029, 0.3744,
0.2594

 0.7668, 0.5495,
0.0982

 150.4722, 0.3701,
0.2641

 0.0000, 0.6584,
0.0000

187.0510, 0.3663,

 0.0000, 1.0000,

0.2682

0.0000

229.1239, 0.3630,
0.2718

■ 0.0000, 0.0000,
0.0000

■ 24.8470, 0.4116,
0.2207

■ 24.8470, 0.4116,
0.2207

■ 22.8575, 0.4289,
0.2195

■ 27.9970, 0.3944,
0.2270

■ 21.7974, 0.4458,
0.2234


■ 32.4582, 0.3780,
0.2374


■ 21.6966, 0.4478,
0.2241


■ 38.3627, 0.3629,
0.2510


■ 45.8253, 0.3494,
0.2665

■ 54.9493, 0.3377,
0.2829

 65.8289, 0.3276,
0.2994

 78.5511, 0.3191,
0.3155

 93.1974, 0.3119,
0.3308

 98.1570, 0.3066,
0.3290

Harmonies

Analogous

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



24.8470, 0.2704, 0.1698



24.8470, 0.4116, 0.2207



24.8470, 0.5372, 0.2903

Triad

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



24.8470, 0.4116, 0.2207



24.8470, 0.4167, 0.5508



24.8470, 0.1057, 0.2008

Complementary

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



24.8470, 0.4116, 0.2207



67.5282, 0.2783, 0.4975

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.



24.8470, 0.1258, 0.3119



24.8470, 0.4116, 0.2207



24.8470, 0.3008, 0.5904

Square

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



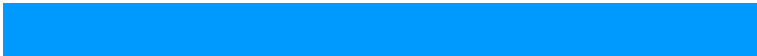
24.8470, 0.4116, 0.2207



24.8470, 0.5182, 0.4566



24.8470, 0.1931, 0.4852



24.8470, 0.1211, 0.1538

Rectangle

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



24.8470, 0.4116, 0.2207



24.8470, 0.5723, 0.3411



24.8470, 0.1931, 0.4852



24.8470, 0.1080, 0.2293

Sweetspot

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



24.8483, 0.4116, 0.2207



65.5729, 0.3327, 0.2907



13.2381, 0.2040, 0.1045



13.1557, 0.3364, 0.2848



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.



24.8483, 0.4116, 0.2207



24.2005, 0.4398, 0.2216



22.4145, 0.5589, 0.3112



16.6559, 0.3196, 0.3144



11.7135, 0.4452, 0.2226



1.0494, 0.4254, 0.2117

Inverse Universe

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



24.8483, 0.4116, 0.2207



24.2005, 0.4398, 0.2216



71.1782, 0.2386, 0.3621



16.6559, 0.3196, 0.3144



11.7135, 0.4452, 0.2226



1.0494, 0.4254, 0.2117

Previews

White Background



This preview shows how the Yxy color 24.8470, 0.4116, 0.2207 looks on a white background.

Color Contrast Check

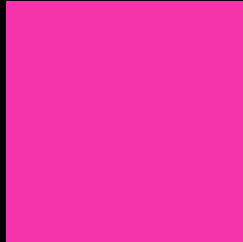
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8470, 0.4116, 0.2207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

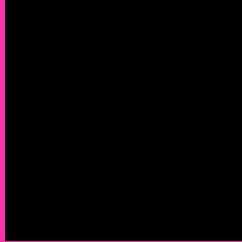
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8470, 0.4116, 0.2207

Background



This preview shows how black text looks on a background with the Yxy color 24.8470, 0.4116, 0.2207.



This preview shows how white text looks on a background with the Yxy color 24.8470, 0.4116, 0.2207.

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

24.8470, 0.4116, 0.2207

Protanopia

25.3065, 0.2102, 0.1916

Deuteranopia

25.0621, 0.2892, 0.2839



Tritanopia

24.8915, 0.5262, 0.3260

Trichromacy



Original Color

24.8470, 0.4116, 0.2207



Protanomaly

21.0378, 0.2565, 0.1850



Deuteranomaly

22.0009, 0.3303, 0.2425



Tritanomaly

24.3654, 0.4881, 0.2854

Monochromacy



Original Color

24.8470, 0.4116, 0.2207



Achromatopsia

19.8069, 0.3127, 0.3290



Achromatomaly

18.6880, 0.3514, 0.2625

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8470, 0.4116, 0.2207 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, 52, 172)` looks like.

```
.text, #text, p{  
    color:rgb(245, 52, 172)  
}
```

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, 52, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 52, 172) }
```

Border

The CSS property to change the border of an element to Yxy 24.8470, 0.4116, 0.2207 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, 52, 172) }
```

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

```
.border{ border-color:rgb(245, 52, 172) }
```

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

Here you see how a box with a 4 pixel rgb(245, 52, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 52, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 52, 172);  
box-shadow:4px 4px 4px 4px rgb(245, 52,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8470, 0.4116, 0.2207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 52, 172) }
```

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

```
.background{ background-color: rgb(245, 52,  
172) }
```

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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