

Converting Colors

$Y_{xy}(24.1299, 0.4691, 0.2656)$

Have a look what the booklet for
Yxy(24.1299, 0.4691, 0.2656)
contains.

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Color

Yxy(24.0982, 0.4682, 0.2651)

Conversions

Conversions Part 1

Format	Color
Hex	F23F84
RGB	242, 63, 132
RGB Percent	95%, 25%, 52%
CMY	0.0510, 0.7529, 0.4823
CMYK	0.00, 0.74, 0.45, 0.05
HSL	337°, 87%, 60%
HSV	337°, 74%, 95%
XYZ	42.5605, 24.0982, 24.2436
YIQ	124.3870, 84.5350, 59.4070

Conversions

Conversions Part 2

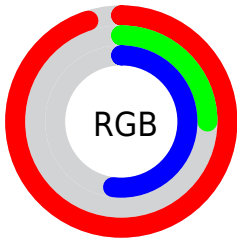
Format	Color
R_{YB}	242, 63, 132
Decimal	15875972
CIE _{Lab}	56.19, 71.38, 3.24
CIE _{LCh}	56, 71.451, 2.597
Yxy	24.0982, 0.4682, 0.2651
Android (android.graphics.Color)	4294066052 (0xFFFF23F84)
YUV	124.3870, 3.7532, 103.1466
Hunter-Lab	49.0899, 68.8503, 5.0819

Details

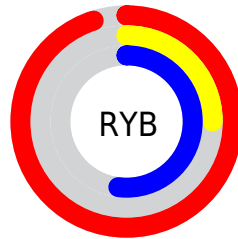
The Yxy color **24.0982, 0.4682, 0.2651** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle washed rose. A complement of this color would be **67.5765, 0.2595, 0.4242**, and the grayscale version is **20.2604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4300, 0.3893, 0.2678**, and **10.3278, 0.5120, 0.2594** is the 20% darker color. If you saturate the color by 10%, you get **21.6033, 0.5003, 0.2665**, and if you desaturate by 10%, it is **27.8306, 0.4370, 0.2684**.

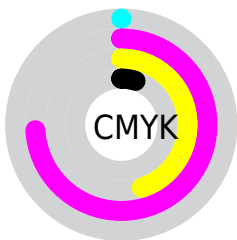
Distribution



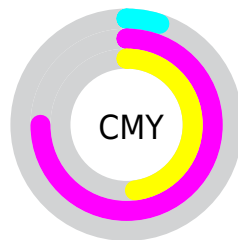
- Red (95%)
- Green (25%)
- Blue (52%)



- Red (95%)
- Yellow (25%)
- Blue (52%)



- Cyan (0%)
- Magenta (74%)
- Yellow (45%)
- Black (5%)





- Cyan (5%)
- Magenta (75%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.0982, 0.4682, 0.2651 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 24.0982, 0.4682, 0.2651 by changing the saturation by 10% instead.


 24.0982, 0.4682,
0.2651


 24.0982, 0.4682,
0.2651


273.3166, 0.3828,
0.3009


 15.4065, 0.4919,
0.2549


 50.1904, 0.4353,
0.2790


 9.1052, 0.5238,
0.2411

 68.3597, 0.4236,
0.2840

 4.8098, 0.5683,
0.2214

 90.4569, 0.4138,
0.2881

 2.1361, 0.6336,
0.1919

 116.8665, 0.4056,
0.2915

 0.6848, 0.7463,
0.1443

 147.9729, 0.3986,
0.2943

 0.0000, 1.0000,
0.0000

184.1604, 0.3926,

 0.0000, 0.0000,

0.2968

0.0000

225.8135, 0.3874,
0.2990

■ 24.0982, 0.4682,
0.2651

■ 24.0982, 0.4682,
0.2651

■ 21.6033, 0.5003,
0.2665

■ 27.8306, 0.4370,
0.2684

■ 20.1723, 0.5308,
0.2732

■ 32.9358, 0.4083,
0.2753


■ 19.6723, 0.5479,
0.2792


■ 39.5354, 0.3831,
0.2844


■ 47.7366, 0.3617,
0.2946

■ 57.6366, 0.3438,
0.3051

 69.3246, 0.3290,
0.3154

 82.8839, 0.3169,
0.3253

 97.3603, 0.3070,
0.3329

 97.6167, 0.3047,
0.3290

Harmonies

Analogous

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



24.0982, 0.3413, 0.2058



24.0982, 0.4682, 0.2651



24.0982, 0.5432, 0.3362

Triad

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



24.0982, 0.4682, 0.2651



24.0982, 0.3574, 0.5588



24.0982, 0.1253, 0.1843

Complementary

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



24.0982, 0.4682, 0.2651



67.5765, 0.2595, 0.4242

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.



24.0982, 0.1265, 0.2536



24.0982, 0.4682, 0.2651



24.0982, 0.2507, 0.5227

Square

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



24.0982, 0.4682, 0.2651



24.0982, 0.4593, 0.4986



24.0982, 0.1666, 0.3830



24.0982, 0.1576, 0.1607

Rectangle

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



24.0982, 0.4682, 0.2651



24.0982, 0.5447, 0.3874



24.0982, 0.1666, 0.3830



24.0982, 0.1219, 0.2013

Sweetspot

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



24.0996, 0.4682, 0.2651



67.2562, 0.3408, 0.3071



18.5582, 0.2483, 0.1337



13.6826, 0.3451, 0.3042



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.



24.0996, 0.4682, 0.2651



23.3433, 0.5168, 0.2694



25.1074, 0.5543, 0.3440



15.8597, 0.3233, 0.3199



10.5932, 0.5436, 0.2768



0.9001, 0.5082, 0.2573

Inverse Universe

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



24.0996, 0.4682, 0.2651



23.3433, 0.5168, 0.2694



60.8321, 0.2249, 0.3057



15.8597, 0.3233, 0.3199



10.5932, 0.5436, 0.2768



0.9001, 0.5082, 0.2573

Previews

White Background



This preview shows how the Yxy color 24.0982, 0.4682, 0.2651 looks on a white background.

Color Contrast Check

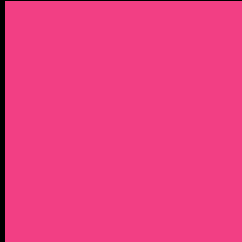
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0982, 0.4682, 0.2651 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 24.0982, 0.4682, 0.2651

Background



This preview shows how black text looks on a background with the Yxy color 24.0982, 0.4682, 0.2651.



This preview shows how white text looks on a background with the Yxy color 24.0982, 0.4682, 0.2651.

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

24.0982, 0.4682, 0.2651

Protanopia

24.4273, 0.2668, 0.2658

Deuteranopia

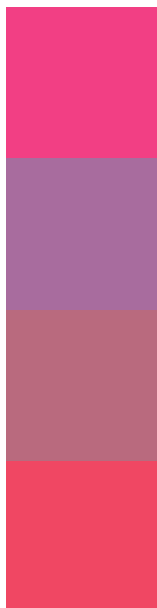
24.0707, 0.3468, 0.3406



Tritanopia

24.0988, 0.5364, 0.3262

Trichromacy



Original Color

24.0982, 0.4682, 0.2651

Protanomaly

21.5186, 0.3286, 0.2554

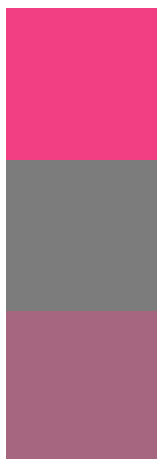
Deuteranomaly

22.1287, 0.3933, 0.3009

Tritanomaly

23.9326, 0.5141, 0.3042

Monochromacy



Original Color

24.0982, 0.4682, 0.2651

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.2505, 0.3700, 0.2905

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0982, 0.4682, 0.2651 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(242, 63, 132)` looks like.

```
.text, #text, p{  
    color:rgb(242, 63, 132)  
}
```

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(242, 63, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 63, 132) }
```

Border

The CSS property to change the border of an element to Yxy 24.0982, 0.4682, 0.2651 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(242, 63, 132) }
```

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

```
.border{ border-color:rgb(242, 63, 132) }
```

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

Here you see how a box with a 4 pixel rgb(242, 63, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 63, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 63, 132);  
box-shadow:4px 4px 4px 4px rgb(242, 63,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0982, 0.4682, 0.2651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 63, 132) }
```

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

```
.background{ background-color: rgb(242, 63,  
132) }
```

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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