

Converting Colors

$Yxy(24.1047, 0.5341, 0.2973)$

Have a look what the booklet for
Yxy(24.1047, 0.5341, 0.2973)
contains.

Yxy(24.1047, 0.5341, 0.2973)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.1047, 0.5341, 0.2973)

Conversions

Conversions Part 1

Format	Color
Hex	FB3761
RGB	251, 55, 97
RGB Percent	98%, 22%, 38%
CMY	0.0157, 0.7842, 0.6198
CMYK	0.00, 0.78, 0.61, 0.02
HSL	347°, 96%, 60%
HSV	347°, 78%, 98%
XYZ	43.3041, 24.1047, 13.6699
YIQ	118.3920, 103.3340, 54.6140

Conversions

Conversions Part 2

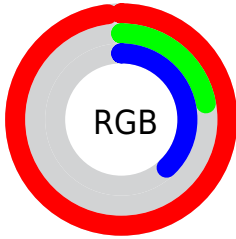
Format	Color
R_{YB}	251, 55, 97
Decimal	16463713
CIE _{Lab}	56.19, 73.57, 24.32
CIE _{LCh}	56, 77.482, 18.296
Yxy	24.1047, 0.5341, 0.2973
Android (android.graphics.Color)	4294653793 (0xFFFB3761)
YUV	118.3920, -10.5463, 116.2972
Hunter-Lab	49.0965, 71.5217, 17.8596

Details

The Yxy color **24.1047, 0.5341, 0.2973** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **74.4097, 0.2450, 0.3831**, and the grayscale version is **18.2603, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.5602, 0.4370, 0.3008**, and **10.8038, 0.5859, 0.3001** is the 20% darker color. If you saturate the color by 10%, you get **21.9723, 0.5723, 0.3023**, and if you desaturate by 10%, it is **27.5423, 0.4929, 0.2961**.

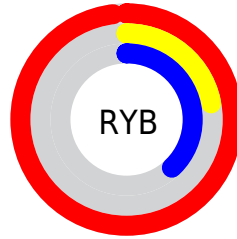
Distribution



Red (98%)

Green (22%)

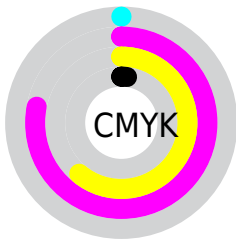
Blue (38%)



Red (98%)

Yellow (22%)

Blue (38%)

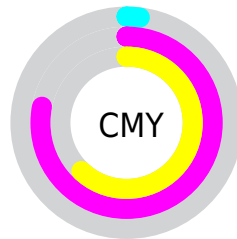


Cyan (0%)

Magenta (78%)

Yellow (61%)

Black (2%)



Cyan (2%)


Magenta (78%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1047, 0.5341, 0.2973 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 24.1047, 0.5341, 0.2973 by changing the saturation by 10% instead.


 24.1047, 0.5341,
0.2973


 24.1047, 0.5341,
0.2973


273.3494, 0.4124,
0.3213


 15.4113, 0.5669,
0.2881


 50.2010, 0.4878,
0.3083

 9.1086, 0.6095,
0.2744


 68.3727, 0.4709,
0.3117

 4.8121, 0.6659,
0.2529

 90.4726, 0.4569,
0.3144

 2.1374, 0.7529,
0.2211

 116.8852, 0.4452,
0.3164

 0.6855, 0.8431,
0.1569

 147.9947, 0.4351,
0.3180

 0.0000, 1.0000,
0.0000

184.1857, 0.4265,

 0.0000, 0.0000,

0.3194

0.0000

225.8424, 0.4190,
0.3204

■ 24.1047, 0.5341,
0.2973

■ 24.1047, 0.5341,
0.2973

■ 21.9723, 0.5723,
0.3023

■ 27.5423, 0.4929,
0.2961

■ 20.9133, 0.6027,
0.3106

■ 32.4488, 0.4530,
0.2980

■ 20.7713, 0.6077,
0.3122

■ 38.9679, 0.4172,
0.3021

■ 47.2254, 0.3867,
0.3074

■ 57.3342, 0.3613,
0.3132

69.3978, 0.3406,
0.3191

83.5122, 0.3239,
0.3247

99.2347, 0.3104,
0.3292

99.2478, 0.3102,
0.3290

Harmonies

Analogous

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



24.1047, 0.4171, 0.2281



24.1047, 0.5341, 0.2973



24.1047, 0.5633, 0.3742

Triad

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



24.1047, 0.5341, 0.2973



24.1047, 0.2961, 0.5774



24.1047, 0.1280, 0.1574

Complementary

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



24.1047, 0.5341, 0.2973



74.4097, 0.2450, 0.3831

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.



24.1047, 0.1110, 0.2011



24.1047, 0.5341, 0.2973



24.1047, 0.1923, 0.4679

Square

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



24.1047, 0.5341, 0.2973



24.1047, 0.4093, 0.5497



24.1047, 0.1289, 0.3046



24.1047, 0.1811, 0.1521

Rectangle

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



24.1047, 0.5341, 0.2973



24.1047, 0.5337, 0.4311



24.1047, 0.1289, 0.3046



24.1047, 0.1187, 0.1669

Sweetspot

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



24.1061, 0.5341, 0.2973



65.4963, 0.3503, 0.3162



23.1882, 0.2783, 0.1436



13.0794, 0.3580, 0.3141



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.



24.1061, 0.5341, 0.2973



22.0104, 0.5917, 0.3070



32.0568, 0.5390, 0.3748



17.2860, 0.3260, 0.3239



10.9362, 0.6040, 0.3101



1.0278, 0.5720, 0.2925

Inverse Universe

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



24.1061, 0.5341, 0.2973



22.0104, 0.5917, 0.3070



47.0199, 0.2099, 0.2556



17.2860, 0.3260, 0.3239



10.9362, 0.6040, 0.3101



1.0278, 0.5720, 0.2925

Previews

White Background



This preview shows how the Yxy color 24.1047, 0.5341, 0.2973 looks on a white background.

Color Contrast Check

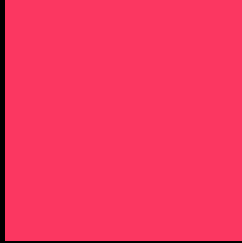
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1047, 0.5341, 0.2973 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 24.1047, 0.5341, 0.2973

Background



This preview shows how black text looks on a background with the Yxy color 24.1047, 0.5341, 0.2973.



This preview shows how white text looks on a background with the Yxy color 24.1047, 0.5341, 0.2973.

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

24.1047, 0.5341, 0.2973

Protanopia

24.1194, 0.3194, 0.3324

Deuteranopia

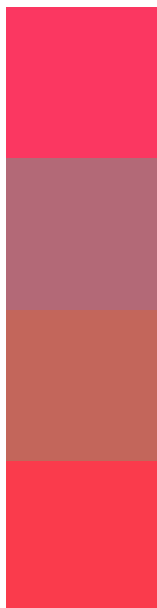
24.1752, 0.4030, 0.3948



Tritanopia

24.1394, 0.5724, 0.3284

Trichromacy



Original Color

24.1047, 0.5341, 0.2973

Protanomaly

21.0188, 0.3962, 0.3087

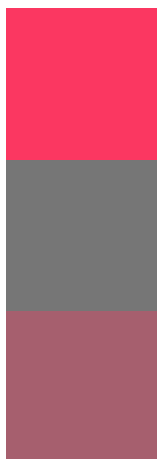
Deuteranomaly

21.8602, 0.4584, 0.3438

Tritanomaly

23.9737, 0.5602, 0.3175

Monochromacy



Original Color

24.1047, 0.5341, 0.2973

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.4172, 0.3973, 0.3057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1047, 0.5341, 0.2973 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(251, 55, 97)` looks like.

```
.text, #text, p{  
    color:rgb(251, 55, 97)  
}
```

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(251, 55, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 55, 97) }
```

Border

The CSS property to change the border of an element to Yxy 24.1047, 0.5341, 0.2973 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(251, 55, 97) }
```

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

```
.border{ border-color:rgb(251, 55, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 55, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 55, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 55, 97);  
box-shadow:4px 4px 4px 4px rgb(251, 55,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1047, 0.5341, 0.2973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 55, 97) }
```

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

```
.background{ background-color: rgb(251, 55,  
97) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor