

Converting Colors

$Y_{xy}(40.4267, 0.4170, 0.3020)$

Have a look what the booklet for
Yxy(40.4267, 0.4170, 0.3020)
contains.

Yxy(40.5383, 0.4167, 0.3023)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.5383, 0.4167, 0.3023)

Conversions

Conversions Part 1

Format	Color
Hex	FF859F
RGB	255, 133, 159
RGB Percent	100%, 52%, 62%
CMY	0.0001, 0.4783, 0.3765
CMYK	0.00, 0.48, 0.38, 0.00
HSL	347°, 100%, 76%
HSV	347°, 48%, 100%
XYZ	55.8793, 40.5383, 37.6820
YIQ	172.4420, 64.3660, 33.9500

Conversions

Conversions Part 2

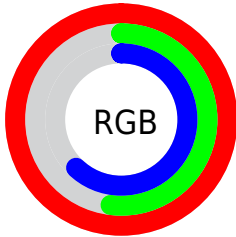
Format	Color
RYB	255, 133, 159
Decimal	16745887
CIELab	69.85, 48.82, 7.60
CIElCh	70, 49.405, 8.851
Yxy	40.5383, 0.4167, 0.3023
Android (android.graphics.Color)	4294935967 (0xFFFF859F)
YUV	172.4420, -6.6269, 72.4034
Hunter-Lab	63.6697, 45.2374, 9.4789

Details

The Yxy color **40.5383, 0.4167, 0.3023** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.1501, 0.2606, 0.3594**, and the grayscale version is **41.5034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.5102, 0.3475, 0.3035**, and **18.2768, 0.4480, 0.2923** is the 20% darker color. If you saturate the color by 10%, you get **33.7432, 0.4525, 0.2982**, and if you desaturate by 10%, it is **49.1449, 0.3862, 0.3076**.

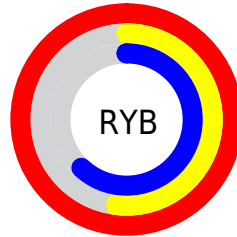
Distribution



Red (100%)

Green (52%)

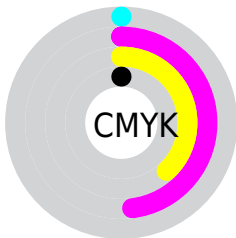
Blue (62%)



Red (100%)

Yellow (52%)

Blue (62%)

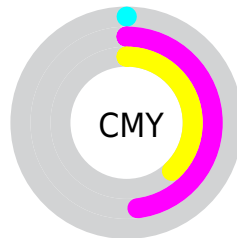


Cyan (0%)

Magenta (48%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5383, 0.4167, 0.3023 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 40.5383, 0.4167, 0.3023 by changing the saturation by 10% instead.


 40.5383, 0.4167,
0.3023


 40.5383, 0.4167,
0.3023


348.3872, 0.3633,
0.3169

 27.9585, 0.4304,
0.2983


 75.9825, 0.3970,
0.3079

 18.2944, 0.4481,
0.2929


 99.6157, 0.3897,
0.3099

 11.1615, 0.4719,
0.2853


 127.7022, 0.3835,
0.3116

 6.1756, 0.5054,
0.2742

160.6263, 0.3783,
0.3130

 2.9521, 0.5553,
0.2564

198.7725, 0.3738,
0.3142

 1.1068, 0.6396,
0.2263

242.5251, 0.3698,

 0.0000, 1.0000,

0.3152

0.0000

292.2686, 0.3663,
0.3161

■ 0.0000, 0.0000,
0.0000

■ 40.5383, 0.4167,
0.3023

■ 40.5383, 0.4167,
0.3023

■ 33.7432, 0.4525,
0.2982

■ 49.1449, 0.3862,
0.3076

■ 28.6232, 0.4923,
0.2962

■ 59.6741, 0.3608,
0.3134

■ 25.0327, 0.5336,
0.2974


■ 72.2353, 0.3402,
0.3193

■ 22.7979, 0.5720,
0.3024

■ 86.9280, 0.3235,
0.3249

■ 21.6881, 0.6026,
0.3106

■ 99.9955, 0.3127,
0.3290

 21.5248, 0.6081,
0.3124

Harmonies

Analogous

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



40.5383, 0.3481, 0.2575



40.5383, 0.4167, 0.3023



40.5383, 0.4540, 0.3550

Triad

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



40.5383, 0.4167, 0.3023



40.5383, 0.3365, 0.4603



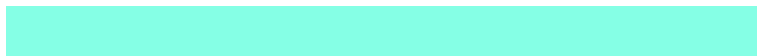
40.5383, 0.1917, 0.2339

Complementary

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



40.5383, 0.4167, 0.3023



82.1501, 0.2606, 0.3594

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.



40.5383, 0.1894, 0.2770



40.5383, 0.4167, 0.3023



40.5383, 0.2681, 0.4204

Square

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



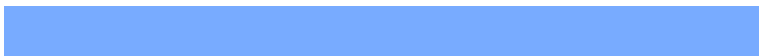
40.5383, 0.4167, 0.3023



40.5383, 0.4021, 0.4503



40.5383, 0.2154, 0.3464



40.5383, 0.2210, 0.2188

Rectangle

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



40.5383, 0.4167, 0.3023



40.5383, 0.4540, 0.3909



40.5383, 0.2154, 0.3464



40.5383, 0.1879, 0.2451

Sweetspot

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



40.5404, 0.4167, 0.3023



77.6206, 0.3334, 0.3215



40.5846, 0.2952, 0.2044



15.9580, 0.3372, 0.3202



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.



40.5404, 0.4167, 0.3023



34.2481, 0.4493, 0.2985



50.7988, 0.4271, 0.3653



18.0504, 0.3261, 0.3240



11.2671, 0.6045, 0.3104



1.1122, 0.5741, 0.2936

Inverse Universe

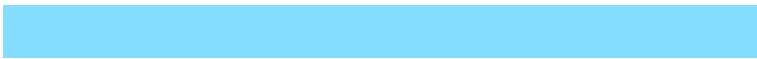
The Inverse Universe completely reimagines the original color for something new.



40.5404, 0.4167, 0.3023



34.2481, 0.4493, 0.2985



63.6156, 0.2416, 0.2877



18.0504, 0.3261, 0.3240



11.2671, 0.6045, 0.3104



1.1122, 0.5741, 0.2936

Previews

White Background



This preview shows how the Yxy color 40.5383, 0.4167, 0.3023 looks on a white background.

Color Contrast Check

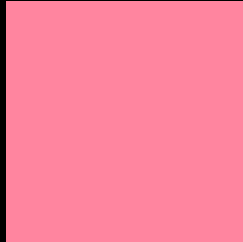
Large Text (above 18pt) WCAG AA × Fail

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 40.5383, 0.4167, 0.3023 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 ✓ Pass

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

Yxy 40.5383, 0.4167, 0.3023

Background



This preview shows how black text looks on a background with the Yxy color 40.5383, 0.4167, 0.3023.



This preview shows how white text looks on a background with the Yxy color 40.5383, 0.4167, 0.3023.

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

40.5383, 0.4167, 0.3023

Protanopia

40.8154, 0.3062, 0.3154

Deuteranopia

40.7127, 0.3505, 0.3436



Tritanopia

40.4431, 0.4310, 0.3189

Trichromacy



Original Color

40.5383, 0.4167, 0.3023



Protanomaly

39.6491, 0.3430, 0.3100



Deuteranomaly

39.7817, 0.3740, 0.3255



Tritanomaly

40.3230, 0.4257, 0.3127

Monochromacy



Original Color

40.5383, 0.4167, 0.3023



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

39.8003, 0.3476, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5383, 0.4167, 0.3023 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(255, 133, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 159)  
}
```

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(255, 133, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 159) }
```

Border

The CSS property to change the border of an element to Yxy 40.5383, 0.4167, 0.3023 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(255, 133, 159) }
```

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

```
.border{ border-color:rgb(255, 133, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 133, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5383, 0.4167, 0.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 159) }
```

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

```
.background{ background-color: rgb(255,  
133, 159) }
```

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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