

Converting Colors

Yxy(40.7494, 0.4143, 0.3156)

Have a look what the booklet for
Yxy(40.7494, 0.4143, 0.3156)
contains.

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Color

Yxy(40.7973, 0.4141, 0.3163)

Conversions

Conversions Part 1

Format	Color
Hex	F78C98
RGB	247, 140, 152
RGB Percent	97%, 55%, 60%
CMY	0.0313, 0.4510, 0.4038
CMYK	0.00, 0.43, 0.38, 0.03
HSL	353°, 87%, 76%
HSV	353°, 43%, 97%
XYZ	53.4118, 40.7973, 34.7738
YIQ	173.3610, 59.9200, 26.4160

Conversions

Conversions Part 2

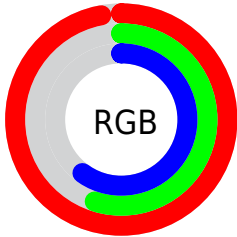
Format	Color
R _Y B	247, 140, 152
Decimal	16223384
CIE Lab	70.03, 41.77, 11.63
CIE LCh	70, 43.360, 15.553
Yxy	40.7973, 0.4141, 0.3163
Android (android.graphics.Color)	4294413464 (0xFFFF78C98)
YUV	173.3610, -10.5310, 64.5814
Hunter-Lab	63.8728, 37.4883, 12.4321

Details

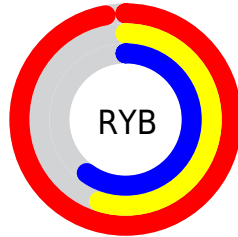
The Yxy color **40.7973, 0.4141, 0.3163** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78.1105, 0.2594, 0.3430**, and the grayscale version is **42.0158, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.7464, 0.3529, 0.3178**, and **18.4473, 0.4459, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **33.7199, 0.4523, 0.3140**, and if you desaturate by 10%, it is **49.6317, 0.3820, 0.3192**.

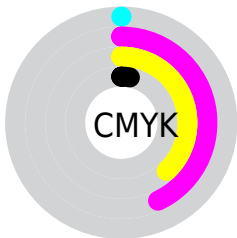
Distribution



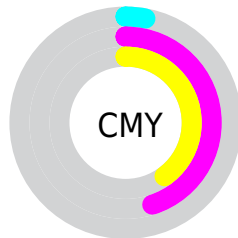
- Red (97%)
- Green (55%)
- Blue (60%)



- Red (97%)
- Yellow (55%)
- Blue (60%)



- Cyan (0%)
- Magenta (43%)
- Yellow (38%)
- Black (3%)





- Cyan (3%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7973, 0.4141, 0.3163 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 40.7973, 0.4141, 0.3163 by changing the saturation by 10% instead.


 40.7973, 0.4141,
0.3163

 40.7973, 0.4141,
0.3163


349.4727, 0.3619,
0.3242

 28.1607, 0.4275,
0.3138


 76.3761, 0.3948,
0.3195

 18.4469, 0.4449,
0.3104


 100.0871, 0.3877,
0.3206

 11.2713, 0.4683,
0.3053


 128.2584, 0.3816,
0.3215

 6.2496, 0.5013,
0.2974

161.2744, 0.3765,
0.3222

 2.9974, 0.5506,
0.2835

199.5194, 0.3721,
0.3229

 1.1304, 0.6452,
0.2627

243.3778, 0.3682,

 0.0037, 0.9964,

0.3234

0.0036

293.2342, 0.3649,
0.3238

0.0000, 0.0000,
0.0000

40.7973, 0.4141,
0.3163

40.7973, 0.4141,
0.3163

33.7199, 0.4523,
0.3140

49.6317, 0.3820,
0.3192

28.2764, 0.4955,
0.3128

60.3234, 0.3558,
0.3222

24.3373, 0.5407,
0.3133


72.9721, 0.3346,
0.3252

21.7511, 0.5826,
0.3160

87.6691, 0.3176,
0.3281

20.3339, 0.6147,
0.3206

98.5191, 0.3078,
0.3290

 19.8619, 0.6291,
0.3239

Harmonies

Analogous

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



40.7973, 0.3587, 0.2735



40.7973, 0.4141, 0.3163



40.7973, 0.4388, 0.3646

Triad

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



40.7973, 0.4141, 0.3163



40.7973, 0.3210, 0.4387



40.7973, 0.2086, 0.2398

Complementary

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



40.7973, 0.4141, 0.3163



78.1105, 0.2594, 0.3430

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.



40.7973, 0.2011, 0.2734



40.7973, 0.4141, 0.3163



40.7973, 0.2619, 0.3952

Square

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



40.7973, 0.4141, 0.3163



40.7973, 0.3810, 0.4410



40.7973, 0.2192, 0.3301



40.7973, 0.2405, 0.2307

Rectangle

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



40.7973, 0.4141, 0.3163



40.7973, 0.4336, 0.3959



40.7973, 0.2192, 0.3301



40.7973, 0.2033, 0.2482

Sweetspot

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



40.7993, 0.4141, 0.3163



78.8907, 0.3340, 0.3253



43.0535, 0.3068, 0.2191



16.1994, 0.3383, 0.3247



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.



40.7993, 0.4141, 0.3163



37.0925, 0.4472, 0.3142



54.7279, 0.4068, 0.3734



16.5128, 0.3276, 0.3264



10.5118, 0.6266, 0.3225



0.9336, 0.6011, 0.3085

Inverse Universe

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



40.7993, 0.4141, 0.3163



37.0925, 0.4472, 0.3142



56.4319, 0.2454, 0.2788



16.5128, 0.3276, 0.3264



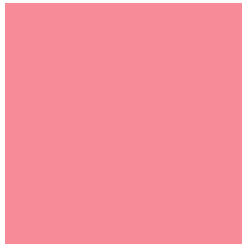
10.5118, 0.6266, 0.3225



0.9336, 0.6011, 0.3085

Previews

White Background



This preview shows how the Yxy color 40.7973, 0.4141, 0.3163 looks on a white background.

Color Contrast Check

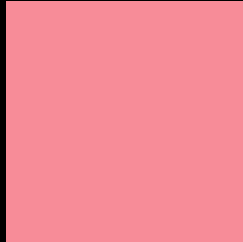
Large Text (above 18pt) WCAG AA × Fail

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 40.7973, 0.4141, 0.3163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

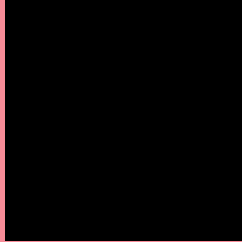
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.7973, 0.4141, 0.3163

Background



This preview shows how black text looks on a background with the Yxy color 40.7973, 0.4141, 0.3163.



This preview shows how white text looks on a background with the Yxy color 40.7973, 0.4141, 0.3163.

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

40.7973, 0.4141, 0.3163

Protanopia

41.1044, 0.3180, 0.3318

Deuteranopia

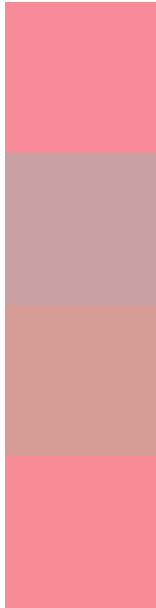
40.9187, 0.3592, 0.3514



Tritanopia

40.7647, 0.4152, 0.3174

Trichromacy



Original Color

40.7973, 0.4141, 0.3163

Protanomaly

40.2035, 0.3501, 0.3253

Deuteranomaly

40.3939, 0.3792, 0.3378

Tritanomaly

40.7647, 0.4152, 0.3174

Monochromacy



Original Color

40.7973, 0.4141, 0.3163

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.4857, 0.3469, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7973, 0.4141, 0.3163 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(247, 140, 152)` looks like.

```
.text, #text, p{  
    color:rgb(247, 140, 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(247, 140, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 140, 152) }
```

Border

The CSS property to change the border of an element to Yxy 40.7973, 0.4141, 0.3163 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(247, 140, 152) }
```

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

```
.border{ border-color:rgb(247, 140, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 140, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 140, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 140, 152);  
box-shadow:4px 4px 4px 4px rgb(247, 140,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7973, 0.4141, 0.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 140, 152) }
```

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

```
.background{ background-color: rgb(247,  
140, 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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