

Converting Colors

$Y_{xy}(40.2065, 0.4332, 0.3246)$

Have a look what the booklet for
Yxy(40.2065, 0.4332, 0.3246)
contains.

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Color

Yxy(40.2269, 0.4331, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	FC888D
RGB	252, 136, 141
RGB Percent	99%, 53%, 55%
CMY	0.0118, 0.4666, 0.4470
CMYK	0.00, 0.46, 0.44, 0.01
HSL	357°, 95%, 76%
HSV	357°, 46%, 99%
XYZ	53.7558, 40.2269, 30.1360
YIQ	171.2540, 67.5310, 26.1470

Conversions

Conversions Part 2

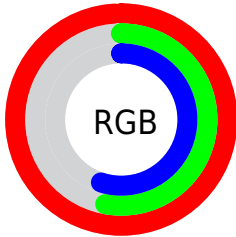
Format	Color
R _Y B	252, 136, 141
Decimal	16550029
CIE Lab	69.63, 44.39, 17.30
CIE LCh	70, 47.645, 21.292
Yxy	40.2269, 0.4331, 0.3241
Android (android.graphics.Color)	4294740109 (0xFFFC888D)
YUV	171.2540, -14.9152, 70.8142
Hunter-Lab	63.4247, 40.2952, 16.2258

Details

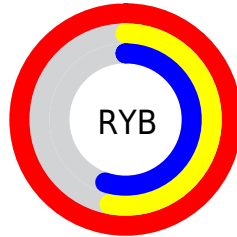
The Yxy color **40.2269, 0.4331, 0.3241** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81.5664, 0.2533, 0.3346**, and the grayscale version is **40.9122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.4617, 0.3628, 0.3250**, and **18.1483, 0.4699, 0.3192** is the 20% darker color. If you saturate the color by 10%, you get **33.3039, 0.4760, 0.3235**, and if you desaturate by 10%, it is **48.9785, 0.3964, 0.3251**.

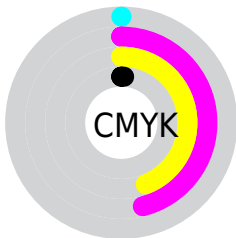
Distribution



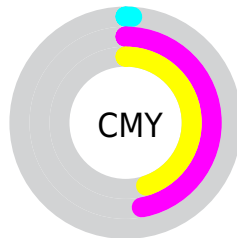
- Red (99%)
- Green (53%)
- Blue (55%)



- Red (99%)
- Yellow (53%)
- Blue (55%)



- Cyan (0%)
- Magenta (46%)
- Yellow (44%)
- Black (1%)





- Cyan (1%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.2269, 0.4331, 0.3241 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 40.2269, 0.4331, 0.3241 by changing the saturation by 10% instead.


 40.2269, 0.4331,
0.3241


 40.2269, 0.4331,
0.3241


347.0790, 0.3709,
0.3289

 27.7155, 0.4490,
0.3221


 75.5089, 0.4101,
0.3264

 18.1113, 0.4697,
0.3191


 99.0483, 0.4016,
0.3271

 11.0299, 0.4973,
0.3143


 127.0325, 0.3945,
0.3276

 6.0870, 0.5357,
0.3061

159.8458, 0.3883,
0.3280

 2.8980, 0.5919,
0.2907

197.8728, 0.3831,
0.3283

 1.0787, 0.7236,
0.2764

241.4977, 0.3785,


 0.0000, 1.0000,

0.3286


0.0000

291.1050, 0.3745,
0.3288


 0.0000, 0.0000,
0.0000


 40.2269, 0.4331,
0.3241


 40.2269, 0.4331,
0.3241

 33.3039, 0.4760,
0.3235


 48.9785, 0.3964,
0.3251


 28.0745, 0.5230,
0.3234


 59.6691, 0.3662,
0.3262


 24.3950, 0.5692,
0.3241

 72.4075, 0.3419,
0.3273

 22.0950, 0.6075,
0.3257

 87.2928, 0.3225,
0.3284

 20.9637, 0.6315,
0.3278

 99.4342, 0.3109,
0.3290

■ 20.7181, 0.6370,
0.3283

Harmonies

Analogous

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



40.2269, 0.3765, 0.2763



40.2269, 0.4331, 0.3241



40.2269, 0.4517, 0.3765

Triad

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



40.2269, 0.4331, 0.3241



40.2269, 0.3079, 0.4454



40.2269, 0.2039, 0.2276

Complementary

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



40.2269, 0.4331, 0.3241



81.5664, 0.2533, 0.3346

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.



40.2269, 0.1906, 0.2581



40.2269, 0.4331, 0.3241



40.2269, 0.2458, 0.3894

Square

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



40.2269, 0.4331, 0.3241



40.2269, 0.3749, 0.4555



40.2269, 0.2044, 0.3159



40.2269, 0.2431, 0.2229

Rectangle

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



40.2269, 0.4331, 0.3241



40.2269, 0.4403, 0.4102



40.2269, 0.2044, 0.3159



40.2269, 0.1965, 0.2347

Sweetspot

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



40.2290, 0.4331, 0.3241



77.2917, 0.3376, 0.3275



44.2670, 0.3129, 0.2149



15.8790, 0.3422, 0.3273



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.



40.2290, 0.4331, 0.3241



34.8401, 0.4715, 0.3235



58.5251, 0.4108, 0.3839



17.2373, 0.3287, 0.3280



10.7983, 0.6357, 0.3275



1.0042, 0.6249, 0.3216

Inverse Universe

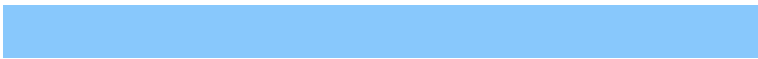
The Inverse Universe completely reimagines the original color for something new.



40.2290, 0.4331, 0.3241



34.8401, 0.4715, 0.3235



53.4794, 0.2397, 0.2652



17.2373, 0.3287, 0.3280



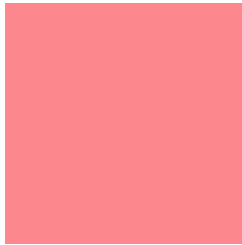
10.7983, 0.6357, 0.3275



1.0042, 0.6249, 0.3216

Previews

White Background



This preview shows how the Yxy color 40.2269, 0.4331, 0.3241 looks on a white background.

Color Contrast Check

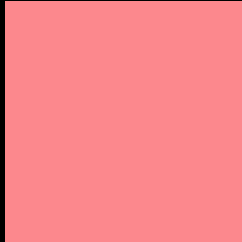
Large Text (above 18pt) WCAG AA × Fail

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 40.2269, 0.4331, 0.3241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

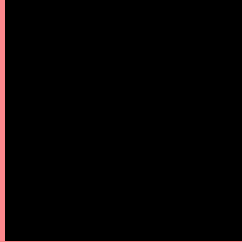
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.2269, 0.4331, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 40.2269, 0.4331, 0.3241.



This preview shows how white text looks on a background with the Yxy color 40.2269, 0.4331, 0.3241.

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

40.2269, 0.4331, 0.3241

Protanopia

40.4482, 0.3286, 0.3456

Deuteranopia

40.4706, 0.3729, 0.3657



Tritanopia

40.0677, 0.4291, 0.3188

Trichromacy



Original Color

40.2269, 0.4331, 0.3241



Protanomaly

39.5581, 0.3644, 0.3368



Deuteranomaly

39.8516, 0.3943, 0.3487



Tritanomaly

40.0370, 0.4302, 0.3199

Monochromacy



Original Color

40.2269, 0.4331, 0.3241



Achromatopsia

40.7240, 0.3127, 0.3290



Achromatomaly

39.2711, 0.3525, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2269, 0.4331, 0.3241 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(252, 136, 141)` looks like.

```
.text, #text, p{  
    color:rgb(252, 136, 141)  
}
```

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(252, 136, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 136, 141) }
```

Border

The CSS property to change the border of an element to Yxy 40.2269, 0.4331, 0.3241 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(252, 136, 141) }
```

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

```
.border{ border-color:rgb(252, 136, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 136, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 136, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 136, 141);  
box-shadow:4px 4px 4px 4px rgb(252, 136,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2269, 0.4331, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 136, 141) }
```

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

```
.background{ background-color: rgb(252,  
136, 141) }
```

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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