

Converting Colors

$Yxy(41.0907, 0.4246, 0.3136)$

Have a look what the booklet for
Yxy(41.0907, 0.4246, 0.3136)
contains.

Yxy(41.1027, 0.4246, 0.3137)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.1027, 0.4246, 0.3137)

Conversions

Conversions Part 1

Format	Color
Hex	FF8897
RGB	255, 136, 151
RGB Percent	100%, 53%, 59%
CMY	0.0000, 0.4667, 0.4077
CMYK	0.00, 0.47, 0.41, 0.00
HSL	352°, 100%, 77%
HSV	352°, 47%, 100%
XYZ	55.6334, 41.1027, 34.2894
YIQ	173.2910, 66.1090, 29.8930

Conversions

Conversions Part 2

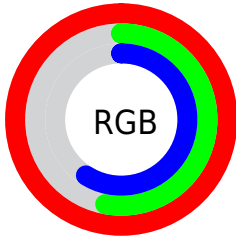
Format	Color
R _Y B	255, 136, 151
Decimal	16746647
CIE Lab	70.25, 46.49, 12.63
CIE LCh	70, 48.178, 15.201
Yxy	41.1027, 0.4246, 0.3137
Android (android.graphics.Color)	4294936727 (0xFFFF8897)
YUV	173.2910, -10.9895, 71.6588
Hunter-Lab	64.1114, 42.7006, 13.1673

Details

The Yxy color **41.1027, 0.4246, 0.3137** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.0441, 0.2570, 0.3462**, and the grayscale version is **41.9779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.9294, 0.3545, 0.3147**, and **18.7087, 0.4588, 0.3077** is the 20% darker color. If you saturate the color by 10%, you get **34.0983, 0.4641, 0.3114**, and if you desaturate by 10%, it is **49.9539, 0.3909, 0.3168**.

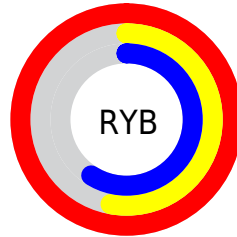
Distribution



Red (100%)

Green (53%)

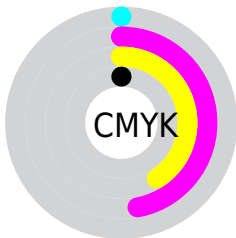
Blue (59%)



Red (100%)

Yellow (53%)

Blue (59%)

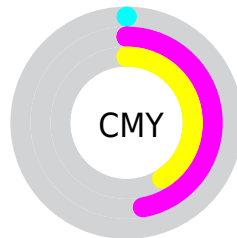


Cyan (0%)

Magenta (47%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1027, 0.4246, 0.3137 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 41.1027, 0.4246, 0.3137 by changing the saturation by 10% instead.


 41.1027, 0.4246,
0.3137

 41.1027, 0.4246,
0.3137


350.7497, 0.3671,
0.3232


 28.3993, 0.4393,
0.3108


 76.8398, 0.4034,
0.3176

 18.6269, 0.4583,
0.3067


 100.6423, 0.3955,
0.3189

 11.4010, 0.4838,
0.3007


 128.9133, 0.3889,
0.3199

 6.3372, 0.5195,
0.2914

162.0372, 0.3832,
0.3208

 3.0512, 0.5721,
0.2755

200.3984, 0.3784,
0.3216

 1.1585, 0.6719,
0.2517

244.3813, 0.3741,

 0.0274, 0.9777,

0.3222

0.0223

294.3702, 0.3704,
0.3227

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

41.1027, 0.4246,
0.3137

41.1027, 0.4246,
0.3137

34.0983, 0.4641,
0.3114

49.9539, 0.3909,
0.3168

28.8073, 0.5079,
0.3106

60.7674, 0.3632,
0.3202

25.0826, 0.5524,
0.3118

73.6524, 0.3408,
0.3237

22.7508, 0.5918,
0.3155

88.7092, 0.3227,
0.3269

■ 21.5952, 0.6202,
0.3211

100.0000, 0.3127,
0.3290

■ 21.3653, 0.6271,
0.3228

Harmonies

Analogous

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



41.1027, 0.3625, 0.2676



41.1027, 0.4246, 0.3137



41.1027, 0.4521, 0.3659

Triad

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



41.1027, 0.4246, 0.3137



41.1027, 0.3217, 0.4521



41.1027, 0.1986, 0.2312

Complementary

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



41.1027, 0.4246, 0.3137



83.0441, 0.2570, 0.3462

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.



41.1027, 0.1907, 0.2675



41.1027, 0.4246, 0.3137



41.1027, 0.2569, 0.4038

Square

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



41.1027, 0.4246, 0.3137



41.1027, 0.3876, 0.4524



41.1027, 0.2103, 0.3303



41.1027, 0.2328, 0.2216

Rectangle

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



41.1027, 0.4246, 0.3137



41.1027, 0.4461, 0.4005



41.1027, 0.2103, 0.3303



41.1027, 0.1930, 0.2402

Sweetspot

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



41.1035, 0.4246, 0.3137



77.4511, 0.3356, 0.3245



43.2023, 0.3043, 0.2104



15.9173, 0.3397, 0.3238



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.



41.1035, 0.4246, 0.3137



34.5104, 0.4613, 0.3115



55.5323, 0.4179, 0.3747



18.0244, 0.3274, 0.3260



11.1754, 0.6244, 0.3214



1.0993, 0.5997, 0.3078

Inverse Universe

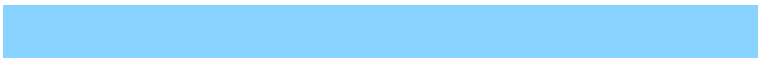
The Inverse Universe completely reimagines the original color for something new.



41.1035, 0.4246, 0.3137



34.5104, 0.4613, 0.3115



59.2252, 0.2409, 0.2766



18.0244, 0.3274, 0.3260



11.1754, 0.6244, 0.3214



1.0993, 0.5997, 0.3078

Previews

White Background



This preview shows how the Yxy color 41.1027, 0.4246, 0.3137 looks on a white background.

Color Contrast Check

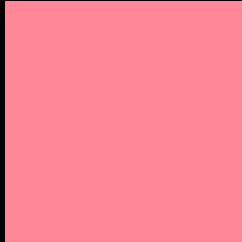
Large Text (above 18pt) WCAG AA × Fail

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 41.1027, 0.4246, 0.3137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

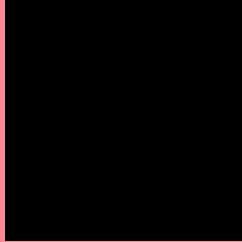
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1027, 0.4246, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 41.1027, 0.4246, 0.3137.



This preview shows how white text looks on a background with the Yxy color 41.1027, 0.4246, 0.3137.

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

41.1027, 0.4246, 0.3137

Protanopia

41.2582, 0.3181, 0.3304

Deuteranopia

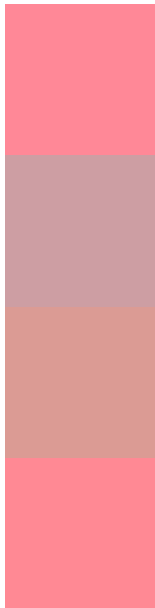
41.3535, 0.3617, 0.3552



Tritanopia

41.2579, 0.4287, 0.3190

Trichromacy



Original Color

41.1027, 0.4246, 0.3137

Protanomaly

40.0772, 0.3545, 0.3228

Deuteranomaly

40.6409, 0.3846, 0.3377

Tritanomaly

41.2894, 0.4276, 0.3179

Monochromacy



Original Color

41.1027, 0.4246, 0.3137

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.5547, 0.3501, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1027, 0.4246, 0.3137 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, 136, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 136, 151)  
}
```

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, 136, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 136, 151) }
```

Border

The CSS property to change the border of an element to Yxy 41.1027, 0.4246, 0.3137 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, 136, 151) }
```

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

```
.border{ border-color:rgb(255, 136, 151) }
```

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

Here you see how a box with a 4 pixel rgb(255, 136, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 136, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 136, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 136,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1027, 0.4246, 0.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 136, 151) }
```

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

```
.background{ background-color: rgb(255,  
136, 151) }
```

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