

Converting Colors

$Yxy(55.5457, 0.4793, 0.3183)$

Have a look what the booklet for
Yxy(55.5457, 0.4793, 0.3183)
contains.

Yxy(41.0703, 0.4258, 0.3148)	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(41.0703, 0.4258, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	FF8896
RGB	255, 136, 150
RGB Percent	100%, 53%, 59%
CMY	0.0000, 0.4667, 0.4119
CMYK	0.00, 0.47, 0.41, 0.00
HSL	353°, 100%, 77%
HSV	353°, 47%, 100%
XYZ	55.5519, 41.0703, 33.8426
YIQ	173.1770, 66.4300, 29.5820

Conversions

Conversions Part 2

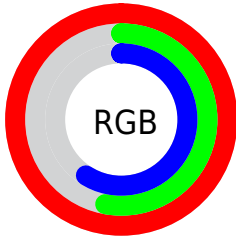
Format	Color
R_{YB}	255, 136, 150
Decimal	16746646
CIE _{Lab}	70.23, 46.39, 13.19
CIE _{LCh}	70, 48.223, 15.871
Yxy	41.0703, 0.4258, 0.3148
Android (android.graphics.Color)	4294936726 (0xFFFF8896)
YUV	173.1770, -11.4263, 71.7588
Hunter-Lab	64.0861, 42.5788, 13.5505

Details

The Yxy color **41.0703, 0.4258, 0.3148** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.1065, 0.2565, 0.3450**, and the grayscale version is **41.9157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.8812, 0.3553, 0.3157**, and **18.6895, 0.4605, 0.3090** is the 20% darker color. If you saturate the color by 10%, you get **34.0645, 0.4657, 0.3127**, and if you desaturate by 10%, it is **49.9217, 0.3918, 0.3177**.

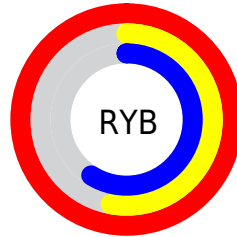
Distribution



Red (100%)

Green (53%)

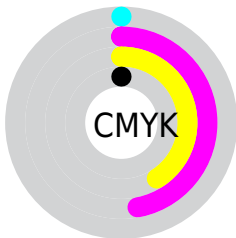
Blue (59%)



Red (100%)

Yellow (53%)

Blue (59%)

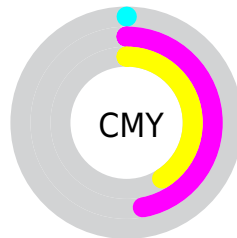


Cyan (0%)

Magenta (47%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0703, 0.4258, 0.3148 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 41.0703, 0.4258, 0.3148 by changing the saturation by 10% instead.

 41.0703, 0.4258,
0.3148


 41.0703, 0.4258,
0.3148

350.6143, 0.3676,
0.3238


 28.3740, 0.4407,
0.3120


 76.7906, 0.4044,
0.3185

 18.6078, 0.4599,
0.3080


 100.5834, 0.3964,
0.3198

 11.3872, 0.4857,
0.3022


 128.8439, 0.3897,
0.3208

 6.3279, 0.5217,
0.2929

161.9563, 0.3840,
0.3216

 3.0455, 0.5748,
0.2771

200.3052, 0.3790,
0.3223

 1.1555, 0.6776,
0.2541

244.2749, 0.3748,

 0.0249, 0.9796,

0.3229

0.0204

294.2498, 0.3710,
0.3234

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.0703, 0.4258,
0.3148

■ 41.0703, 0.4258,
0.3148

■ 34.0645, 0.4657,
0.3127

■ 49.9217, 0.3918,
0.3177

■ 28.7761, 0.5099,
0.3120

■ 60.7399, 0.3637,
0.3208

■ 25.0557, 0.5546,
0.3132

■ 73.6324, 0.3410,
0.3240

■ 22.7298, 0.5940,
0.3167

■ 88.6998, 0.3228,
0.3271

■ 21.5809, 0.6219,
0.3221

100.0000, 0.3127,
0.3290

■ 21.3535, 0.6285,
0.3236

Harmonies

Analogous

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



41.0703, 0.3641, 0.2685



41.0703, 0.4258, 0.3148



41.0703, 0.4523, 0.3672

Triad

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



41.0703, 0.4258, 0.3148



41.0703, 0.3202, 0.4517



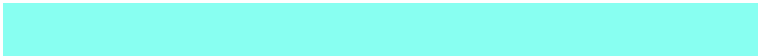
41.0703, 0.1990, 0.2306

Complementary

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



41.0703, 0.4258, 0.3148



83.1065, 0.2565, 0.3450

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.



41.0703, 0.1905, 0.2663



41.0703, 0.4258, 0.3148



41.0703, 0.2555, 0.4024

Square

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



41.0703, 0.4258, 0.3148



41.0703, 0.3864, 0.4530



41.0703, 0.2094, 0.3287



41.0703, 0.2338, 0.2215

Rectangle

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



41.0703, 0.4258, 0.3148



41.0703, 0.4458, 0.4017



41.0703, 0.2094, 0.3287



41.0703, 0.1932, 0.2394

Sweetspot

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



41.0694, 0.4258, 0.3148



77.4340, 0.3358, 0.3249



43.2021, 0.3043, 0.2104



15.9132, 0.3400, 0.3242



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.



41.0694, 0.4258, 0.3148



34.4767, 0.4629, 0.3128



55.5321, 0.4179, 0.3747



18.0218, 0.3276, 0.3262



11.1685, 0.6260, 0.3222



1.0980, 0.6023, 0.3092

Inverse Universe

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



41.0694, 0.4258, 0.3148



34.4767, 0.4629, 0.3128



59.2250, 0.2409, 0.2766



18.0218, 0.3276, 0.3262



11.1685, 0.6260, 0.3222



1.0980, 0.6023, 0.3092

Previews

White Background



This preview shows how the Yxy color 41.0703, 0.4258, 0.3148 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 41.0703, 0.4258, 0.3148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

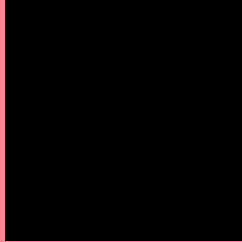
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0703, 0.4258, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 41.0703, 0.4258, 0.3148.



This preview shows how white text looks on a background with the Yxy color 41.0703, 0.4258, 0.3148.

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

41.0703, 0.4258, 0.3148

Protanopia

41.2205, 0.3189, 0.3317

Deuteranopia

41.3225, 0.3627, 0.3565



Tritanopia

41.2266, 0.4298, 0.3200

Trichromacy



Original Color

41.0703, 0.4258, 0.3148



Protanomaly

40.0415, 0.3555, 0.3241



Deuteranomaly

40.6093, 0.3856, 0.3389



Tritanomaly

41.2579, 0.4287, 0.3190

Monochromacy



Original Color

41.0703, 0.4258, 0.3148



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 41.0703, 0.4258, 0.3148 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 136, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 136, 150) }
```

Border

The CSS property to change the border of an element to Yxy 41.0703, 0.4258, 0.3148 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, 150) }
```

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

```
.border{ border-color:rgb(255, 136, 150) }
```

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, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 136, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 136, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 136,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0703, 0.4258, 0.3148 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, 150) }
```

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

```
.background{ background-color: rgb(255,  
136, 150) }
```

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