

Converting Colors

$Y_{xy}(41.1634, 0.4256, 0.3313)$

Have a look what the booklet for
Yxy(41.1634, 0.4256, 0.3313)
contains.

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Color

Yxy(41.0432, 0.4254, 0.3304)

Conversions

Conversions Part 1

Format	Color
Hex	F78E8D
RGB	247, 142, 141
RGB Percent	97%, 56%, 55%
CMY	0.0313, 0.4432, 0.4471
CMYK	0.00, 0.43, 0.43, 0.03
HSL	1°, 87%, 76%
HSV	1°, 43%, 97%
XYZ	52.8444, 41.0432, 30.3352
YIQ	173.2810, 62.9010, 21.9490

Conversions

Conversions Part 2

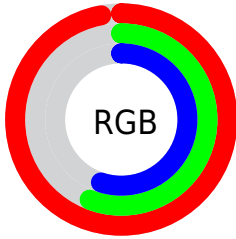
Format	Color
R _Y B	247, 142, 141
Decimal	16223885
CIE Lab	70.21, 39.56, 18.01
CIE LCh	70, 43.467, 24.473
Yxy	41.0432, 0.4254, 0.3304
Android (android.graphics.Color)	4294413965 (0xFFFF78E8D)
YUV	173.2810, -15.9145, 64.6516
Hunter-Lab	64.0650, 35.1231, 16.7713

Details

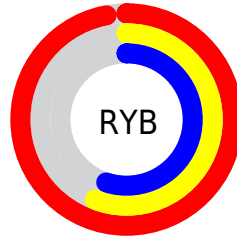
The Yxy color **41.0432, 0.4254, 0.3304** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78.3082, 0.2542, 0.3277**, and the grayscale version is **41.9993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1326, 0.3613, 0.3312**, and **18.4649, 0.4593, 0.3267** is the 20% darker color. If you saturate the color by 10%, you get **33.8908, 0.4680, 0.3307**, and if you desaturate by 10%, it is **49.9618, 0.3894, 0.3301**.

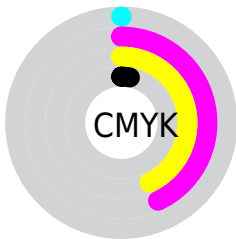
Distribution



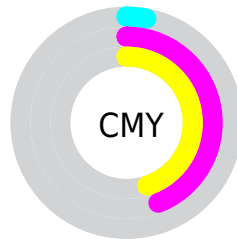
- Red (97%)
- Green (56%)
- Blue (55%)



- Red (97%)
- Yellow (56%)
- Blue (55%)



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





- Cyan (3%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0432, 0.4254, 0.3304 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 41.0432, 0.4254, 0.3304 by changing the saturation by 10% instead.


 41.0432, 0.4254,
0.3304

 41.0432, 0.4254,
0.3304


350.5011, 0.3673,
0.3319


 28.3528, 0.4403,
0.3293


 76.7495, 0.4040,
0.3315

 18.5918, 0.4595,
0.3275


 100.5342, 0.3960,
0.3317

 11.3757, 0.4852,
0.3243


 128.7858, 0.3893,
0.3318

 6.3201, 0.5210,
0.3183

161.8887, 0.3836,
0.3319

 3.0407, 0.5735,
0.3063

200.2273, 0.3787,
0.3319

 1.1530, 0.7006,
0.2994

244.1859, 0.3744,

 0.0228, 0.9776,

0.3319

0.0224

294.1491, 0.3707,
0.3319

0.0000, 0.0000,
0.0000

41.0432, 0.4254,
0.3304

41.0432, 0.4254,
0.3304

33.8908, 0.4680,
0.3307

49.9618, 0.3894,
0.3301

28.3817, 0.5154,
0.3309

60.7466, 0.3600,
0.3297

24.3872, 0.5630,
0.3310


73.4973, 0.3363,
0.3294

21.7565, 0.6036,
0.3308

88.3050, 0.3175,
0.3291

20.3080, 0.6300,
0.3305

98.5183, 0.3078,
0.3290

 19.8286, 0.6396,
0.3303

Harmonies

Analogous

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



41.0432, 0.3772, 0.2852



41.0432, 0.4254, 0.3304



41.0432, 0.4386, 0.3789

Triad

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



41.0432, 0.4254, 0.3304



41.0432, 0.3026, 0.4298



41.0432, 0.2156, 0.2346

Complementary

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



41.0432, 0.4254, 0.3304



78.3082, 0.2542, 0.3277

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.



41.0432, 0.2006, 0.2607



41.0432, 0.4254, 0.3304



41.0432, 0.2469, 0.3766

Square

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



41.0432, 0.4254, 0.3304



41.0432, 0.3641, 0.4446



41.0432, 0.2111, 0.3113



41.0432, 0.2544, 0.2323

Rectangle

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



41.0432, 0.4254, 0.3304



41.0432, 0.4262, 0.4088



41.0432, 0.2111, 0.3113



41.0432, 0.2078, 0.2406

Sweetspot

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



41.0453, 0.4254, 0.3304



78.8540, 0.3365, 0.3294



45.5444, 0.3177, 0.2237



16.1904, 0.3413, 0.3295



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.



41.0453, 0.4254, 0.3304



37.0012, 0.4642, 0.3307



60.2897, 0.3997, 0.3857



16.5074, 0.3294, 0.3293



10.4958, 0.6394, 0.3305



0.9311, 0.6377, 0.3319

Inverse Universe

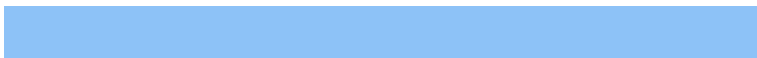
The Inverse Universe completely reimagines the original color for something new.



78.3082, 0.2542, 0.3277



82.1158, 0.2452, 0.3274



50.9677, 0.2434, 0.2635



18.7296, 0.2981, 0.3287



38.0006, 0.2239, 0.3259



3.3483, 0.2240, 0.3263

Previews

White Background



This preview shows how the Yxy color 41.0432, 0.4254, 0.3304 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 41.0432, 0.4254, 0.3304 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 41.0432, 0.4254, 0.3304

Background



This preview shows how black text looks on a background with the Yxy color 41.0432, 0.4254, 0.3304.



This preview shows how white text looks on a background with the Yxy color 41.0432, 0.4254, 0.3304.

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

41.0432, 0.4254, 0.3304

Protanopia

41.4891, 0.3328, 0.3509

Deuteranopia

41.1339, 0.3736, 0.3654



Tritanopia

40.9470, 0.4162, 0.3175

Trichromacy



Original Color

41.0432, 0.4254, 0.3304



Protanomaly

40.5615, 0.3645, 0.3419



Deuteranomaly

40.8543, 0.3929, 0.3524



Tritanomaly

41.1128, 0.4202, 0.3229

Monochromacy



Original Color

41.0432, 0.4254, 0.3304



Achromatopsia

41.7885, 0.3127, 0.3290



Achromatomaly

40.6932, 0.3505, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0432, 0.4254, 0.3304 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, 142, 141)` looks like.

```
.text, #text, p{  
    color:rgb(247, 142, 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(247, 142, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 142, 141) }
```

Border

The CSS property to change the border of an element to Yxy 41.0432, 0.4254, 0.3304 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, 142, 141) }
```

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

```
.border{ border-color:rgb(247, 142, 141) }
```

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

Here you see how a box with a 4 pixel rgb(247, 142, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 142, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 142, 141);  
box-shadow:4px 4px 4px 4px rgb(247, 142,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0432, 0.4254, 0.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 142, 141) }
```

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

```
.background{ background-color: rgb(247,  
142, 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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