

Converting Colors

Yxy(40.9132, 0.4401, 0.3423)

Have a look what the booklet for
Yxy(40.9132, 0.4401, 0.3423)
contains.

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Color

Yxy(41.0707, 0.4403, 0.3431)

Conversions

Conversions Part 1

Format	Color
Hex	F98E81
RGB	249, 142, 129
RGB Percent	98%, 56%, 51%
CMY	0.0235, 0.4431, 0.4940
CMYK	0.00, 0.43, 0.48, 0.02
HSL	6°, 91%, 74%
HSV	6°, 48%, 98%
XYZ	52.7060, 41.0707, 25.9280
YIQ	172.5110, 67.9450, 18.6410

Conversions

Conversions Part 2

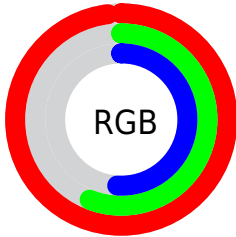
Format	Color
R _Y B	249, 144, 129
Decimal	16354945
CIE Lab	70.23, 39.12, 24.70
CIE LCh	70, 46.265, 32.267
Yxy	41.0707, 0.4403, 0.3431
Android (android.graphics.Color)	4294545025 (0xFFFF98E81)
YUV	172.5110, -21.4509, 67.0809
Hunter-Lab	64.0864, 34.6508, 20.8730

Details

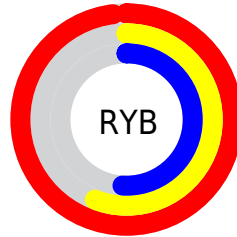
The Yxy color **41.0707, 0.4403, 0.3431** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.5218, 0.2462, 0.3135**, and the grayscale version is **41.6146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5699, 0.3719, 0.3448**, and **18.7103, 0.4776, 0.3425** is the 20% darker color. If you saturate the color by 10%, you get **34.5259, 0.4825, 0.3451**, and if you desaturate by 10%, it is **49.0975, 0.4035, 0.3403**.

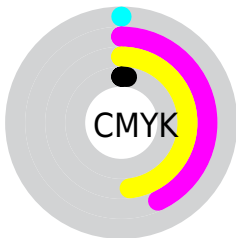
Distribution



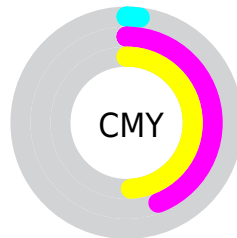
- Red (98%)
- Green (56%)
- Blue (51%)



- Red (98%)
- Yellow (56%)
- Blue (51%)



- Cyan (0%)
- Magenta (43%)
- Yellow (48%)
- Black (2%)





- Cyan (2%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0707, 0.4403, 0.3431 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 41.0707, 0.4403, 0.3431 by changing the saturation by 10% instead.


 41.0707, 0.4403,
0.3431

 41.0707, 0.4403,
0.3431


350.6160, 0.3747,
0.3391

 28.3743, 0.4569,
0.3430


 76.7912, 0.4162,
0.3424

 18.6080, 0.4783,
0.3423


 100.5841, 0.4072,
0.3419

 11.3874, 0.5065,
0.3402


 128.8447, 0.3996,
0.3414

 6.3280, 0.5452,
0.3350

161.9573, 0.3932,
0.3409

 3.0456, 0.6011,
0.3234

200.3064, 0.3876,
0.3404

 1.1556, 0.6986,
0.3014

244.2762, 0.3827,

 0.0250, 0.9753,

0.3399

0.0247

294.2513, 0.3785,
0.3395

■ 0.0000, 0.0000,
0.0000

■ 41.0707, 0.4403,
0.3431

■ 41.0707, 0.4403,
0.3431

■ 34.5259, 0.4825,
0.3451

■ 49.0975, 0.4035,
0.3403

■ 29.3663, 0.5277,
0.3458

■ 58.6828, 0.3727,
0.3373

■ 25.4935, 0.5714,
0.3445


■ 69.9055, 0.3473,
0.3342

■ 22.7932, 0.6072,
0.3411

■ 82.8372, 0.3267,
0.3313

■ 21.1287, 0.6300,
0.3363

■ 97.5451, 0.3099,
0.3285

 20.9214, 0.6330,
0.3356

 98.8812, 0.3090,
0.3290

Harmonies

Analogous

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



41.0707, 0.3974, 0.2941



41.0707, 0.4403, 0.3431



41.0707, 0.4431, 0.3938

Triad

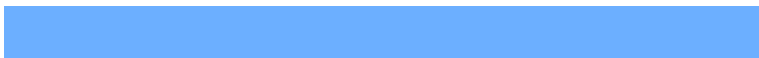
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.0707, 0.4403, 0.3431



41.0707, 0.2849, 0.4254



41.0707, 0.2183, 0.2264

Complementary

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



41.0707, 0.4403, 0.3431



71.5218, 0.2462, 0.3135

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.



41.0707, 0.1960, 0.2467



41.0707, 0.4403, 0.3431



41.0707, 0.2306, 0.3613

Square

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



41.0707, 0.4403, 0.3431



41.0707, 0.3501, 0.4527



41.0707, 0.1998, 0.2935



41.0707, 0.2652, 0.2300

Rectangle

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



41.0707, 0.4403, 0.3431



41.0707, 0.4235, 0.4239



41.0707, 0.1998, 0.2935



41.0707, 0.2081, 0.2303

Sweetspot

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



41.0728, 0.4403, 0.3431



79.2509, 0.3382, 0.3330



41.9643, 0.3289, 0.2219



16.3481, 0.3428, 0.3336



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.



41.0728, 0.4403, 0.3431



36.5117, 0.4820, 0.3451



63.5078, 0.4069, 0.4043



17.5271, 0.3291, 0.3316



11.2950, 0.6314, 0.3369



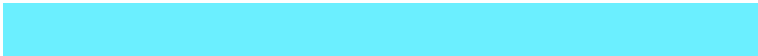
1.1421, 0.6151, 0.3498

Inverse Universe

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



71.5218, 0.2462, 0.3135



72.0913, 0.2363, 0.3098



42.9618, 0.2320, 0.2379



19.2691, 0.2980, 0.3264



31.7773, 0.2152, 0.2946



3.0321, 0.2164, 0.2990

Previews

White Background



This preview shows how the Yxy color 41.0707, 0.4403, 0.3431 looks on a white background.

Color Contrast Check

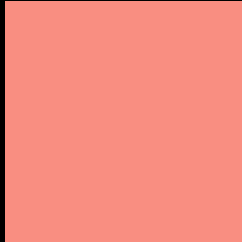
Large Text (above 18pt) WCAG AA × Fail

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 41.0707, 0.4403, 0.3431 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 41.0707, 0.4403, 0.3431

Background



This preview shows how black text looks on a background with the Yxy color 41.0707, 0.4403, 0.3431.



This preview shows how white text looks on a background with the Yxy color 41.0707, 0.4403, 0.3431.

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

41.0707, 0.4403, 0.3431

Protanopia

41.4333, 0.3471, 0.3687

Deuteranopia

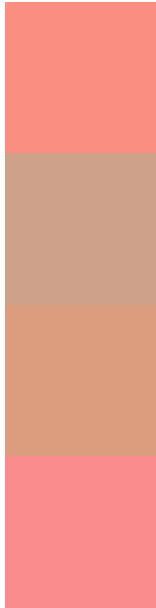
41.2283, 0.3879, 0.3802



Tritanopia

41.1444, 0.4217, 0.3187

Trichromacy



Original Color

41.0707, 0.4403, 0.3431

Protanomaly

40.4465, 0.3792, 0.3585

Deuteranomaly

40.8359, 0.4070, 0.3666

Tritanomaly

41.0332, 0.4281, 0.3272

Monochromacy



Original Color

41.0707, 0.4403, 0.3431

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.6925, 0.3554, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0707, 0.4403, 0.3431 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(249, 142, 129)` looks like.

```
.text, #text, p{  
    color:rgb(249, 142, 129)  
}
```

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(249, 142, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 142, 129) }
```

Border

The CSS property to change the border of an element to Yxy 41.0707, 0.4403, 0.3431 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(249, 142, 129) }
```

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

```
.border{ border-color:rgb(249, 142, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 142, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 142, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 142, 129);  
box-shadow:4px 4px 4px 4px rgb(249, 142,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0707, 0.4403, 0.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 142, 129) }
```

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

```
.background{ background-color: rgb(249,  
142, 129) }
```

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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