

Converting Colors

$Y_{xy}(44.9000, 0.4193, 0.3431)$

Have a look what the booklet for
Yxy(44.9000, 0.4193, 0.3431)
contains.

Yxy(44.8084, 0.4193, 0.3434)	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(44.8084, 0.4193, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	F79A8D
RGB	247, 154, 141
RGB Percent	97%, 60%, 55%
CMY	0.0315, 0.3960, 0.4471
CMYK	0.00, 0.38, 0.43, 0.03
HSL	7°, 87%, 76%
HSV	7°, 43%, 97%
XYZ	54.7122, 44.8084, 30.9640
YIQ	180.3250, 59.6010, 15.6730

Conversions

Conversions Part 2

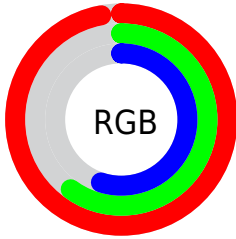
Format	Color
R _Y B	247, 156, 141
Decimal	16226957
CIE Lab	72.77, 33.32, 21.52
CIE LCh	73, 39.665, 32.862
Yxy	44.8084, 0.4193, 0.3434
Android (android.graphics.Color)	4294417037 (0xFFFF79A8D)
YUV	180.3250, -19.3872, 58.4740
Hunter-Lab	66.9391, 28.7523, 19.4316

Details

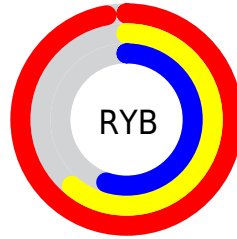
The Yxy color **44.8084, 0.4193, 0.3434** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.1879, 0.2518, 0.3135**, and the grayscale version is **45.9096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8011, 0.3585, 0.3435**, and **20.9494, 0.4501, 0.3444** is the 20% darker color. If you saturate the color by 10%, you get **37.6376, 0.4583, 0.3462**, and if you desaturate by 10%, it is **53.4378, 0.3860, 0.3400**.

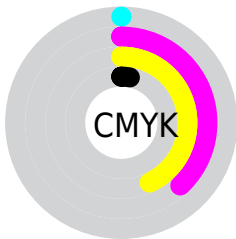
Distribution



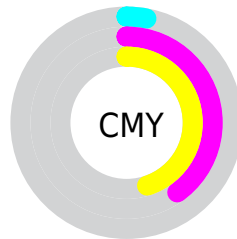
- Red (97%)
- Green (60%)
- Blue (55%)



- Red (97%)
- Yellow (61%)
- Blue (55%)



- Cyan (0%)
- Magenta (38%)
- Yellow (43%)
- Black (3%)





- Cyan (3%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8084, 0.4193, 0.3434 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 44.8084, 0.4193, 0.3434 by changing the saturation by 10% instead.

 44.8084, 0.4193,
0.3434

 44.8084, 0.4193,
0.3434


365.9970, 0.3651,
0.3384


 31.3065, 0.4329,
0.3439


 82.4328, 0.3995,
0.3421

 20.8324, 0.4503,
0.3442


 107.3242, 0.3921,
0.3414

 13.0015, 0.4734,
0.3438


 136.7808, 0.3859,
0.3408

 7.4296, 0.5050,
0.3417

171.1871, 0.3805,
0.3403

 3.7322, 0.5505,
0.3357

210.9275, 0.3759,
0.3397

 1.5249, 0.6550,
0.3375

256.3863, 0.3719,

 0.3062, 0.7872,

0.3392

0.2128

307.9481, 0.3683,
0.3388

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.8084, 0.4193,
0.3434

44.8084, 0.4193,
0.3434

37.6376, 0.4583,
0.3462

53.4378, 0.3860,
0.3400

31.8381, 0.5017,
0.3479

63.5932, 0.3584,
0.3365

27.3240, 0.5465,
0.3478

75.3461, 0.3358,
0.3331

23.9965, 0.5871,
0.3453

88.7613, 0.3174,
0.3299

■ 21.7424, 0.6175,
0.3406

■ 98.5080, 0.3078,
0.3290

■ 20.7147, 0.6313,
0.3369

Harmonies

Analogous

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



44.8084, 0.3842, 0.3008



44.8084, 0.4193, 0.3434



44.8084, 0.4219, 0.3865

Triad

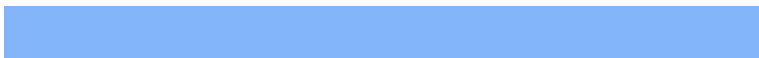
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.8084, 0.4193, 0.3434



44.8084, 0.2893, 0.4069



44.8084, 0.2333, 0.2417

Complementary

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



44.8084, 0.4193, 0.3434



71.1879, 0.2518, 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.



44.8084, 0.2134, 0.2597



44.8084, 0.4193, 0.3434



44.8084, 0.2431, 0.3551

Square

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



44.8084, 0.4193, 0.3434



44.8084, 0.3443, 0.4310



44.8084, 0.2166, 0.2995



44.8084, 0.2741, 0.2447

Rectangle

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



44.8084, 0.4193, 0.3434



44.8084, 0.4058, 0.4108



44.8084, 0.2166, 0.2995



44.8084, 0.2242, 0.2452

Sweetspot

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



44.8106, 0.4193, 0.3434



80.8777, 0.3360, 0.3331



44.7930, 0.3284, 0.2342



16.6815, 0.3407, 0.3339



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.



44.8106, 0.4193, 0.3434



41.7702, 0.4508, 0.3458



66.0004, 0.3939, 0.3981



16.8106, 0.3291, 0.3320



11.0660, 0.6295, 0.3383



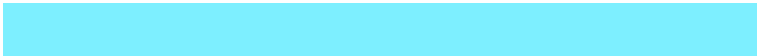
1.0756, 0.6110, 0.3531

Inverse Universe

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



71.1879, 0.2518, 0.3135



73.3175, 0.2427, 0.3101



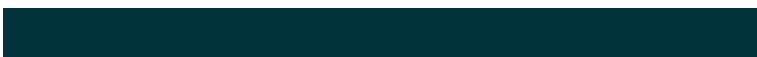
45.6766, 0.2407, 0.2475



18.3897, 0.2981, 0.3260



29.8414, 0.2138, 0.2897



2.7185, 0.2153, 0.2951

Previews

White Background



This preview shows how the Yxy color 44.8084, 0.4193, 0.3434 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 44.8084, 0.4193, 0.3434 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 44.8084, 0.4193, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 44.8084, 0.4193, 0.3434.



This preview shows how white text looks on a background with the Yxy color 44.8084, 0.4193, 0.3434.

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

44.8084, 0.4193, 0.3434

Protanopia

45.2315, 0.3423, 0.3634

Deuteranopia

45.0417, 0.3786, 0.3714



Tritanopia

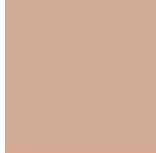
44.8816, 0.4007, 0.3174

Trichromacy



Original Color

44.8084, 0.4193, 0.3434



Protanomaly

44.4747, 0.3683, 0.3553



Deuteranomaly

44.4623, 0.3932, 0.3601



Tritanomaly

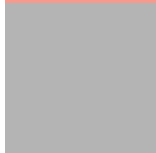
44.7460, 0.4077, 0.3271

Monochromacy



Original Color

44.8084, 0.4193, 0.3434



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

44.7164, 0.3476, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8084, 0.4193, 0.3434 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, 154, 141)` looks like.

```
.text, #text, p{  
    color:rgb(247, 154, 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, 154, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 154, 141) }
```

Border

The CSS property to change the border of an element to Yxy 44.8084, 0.4193, 0.3434 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, 154, 141) }
```

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

```
.border{ border-color:rgb(247, 154, 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, 154, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 154, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 154, 141);  
box-shadow:4px 4px 4px 4px rgb(247, 154,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8084, 0.4193, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 154, 141) }
```

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

```
.background{ background-color: rgb(247,  
154, 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](#).

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