

Converting Colors

$Y_{xy}(44.3186, 0.4199, 0.3394)$

Have a look what the booklet for
Yxy(44.3186, 0.4199, 0.3394)
contains.

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Color

Yxy(44.3659, 0.4202, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	F8988E
RGB	248, 152, 142
RGB Percent	97%, 60%, 56%
CMY	0.0276, 0.4038, 0.4431
CMYK	0.00, 0.39, 0.43, 0.03
HSL	6°, 88%, 76%
HSV	6°, 43%, 97%
XYZ	54.8149, 44.3659, 31.2688
YIQ	179.5640, 60.4260, 17.2420

Conversions

Conversions Part 2

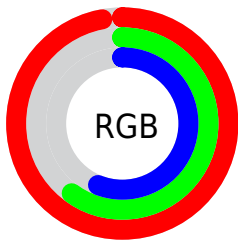
Format	Color
R _Y B	248, 153, 142
Decimal	16291982
CIE Lab	72.47, 34.84, 20.59
CIE LCh	72, 40.470, 30.578
Yxy	44.3659, 0.4202, 0.3401
Android (android.graphics.Color)	4294482062 (0xFFFF8988E)
YUV	179.5640, -18.5191, 60.0184
Hunter-Lab	66.6077, 30.3333, 18.7919

Details

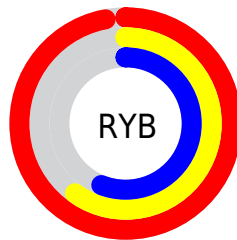
The Yxy color **44.3659, 0.4202, 0.3401** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.6514, 0.2526, 0.3172**, and the grayscale version is **45.4750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8712, 0.3582, 0.3405**, and **20.7059, 0.4515, 0.3403** is the 20% darker color. If you saturate the color by 10%, you get **37.0912, 0.4600, 0.3423**, and if you desaturate by 10%, it is **53.1904, 0.3863, 0.3375**.

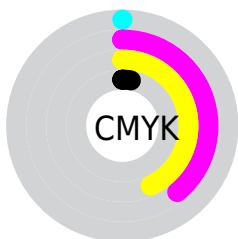
Distribution



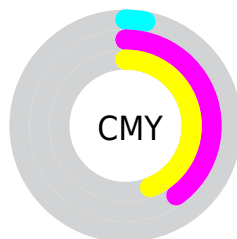
- Red (97%)
- Green (60%)
- Blue (56%)



- Red (97%)
- Yellow (60%)
- Blue (56%)



- Cyan (0%)
- Magenta (39%)
- Yellow (43%)
- Black (3%)





- Cyan (3%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3659, 0.4202, 0.3401 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 44.3659, 0.4202, 0.3401 by changing the saturation by 10% instead.


 44.3659, 0.4202,
0.3401


 44.3659, 0.4202,
0.3401


364.1993, 0.3655,
0.3367

 30.9583, 0.4340,
0.3402


 81.7681, 0.4002,
0.3394

 20.5671, 0.4517,
0.3400


 106.5314, 0.3927,
0.3390

 12.8079, 0.4751,
0.3389


 135.8487, 0.3864,
0.3385

 7.2964, 0.5073,
0.3360

170.1044, 0.3810,
0.3381

 3.6482, 0.5538,
0.3288

209.6830, 0.3763,
0.3377

 1.4788, 0.6585,
0.3273

254.9687, 0.3723,

 0.2737, 0.8064,

0.3374

0.1936

306.3460, 0.3687,
0.3370

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.3659, 0.4202,
0.3401

44.3659, 0.4202,
0.3401

37.0912, 0.4600,
0.3423

53.1904, 0.3863,
0.3375

31.2704, 0.5045,
0.3435

63.6400, 0.3584,
0.3348

26.8076, 0.5501,
0.3433

75.7932, 0.3356,
0.3321

23.5920, 0.5912,
0.3413

89.7214, 0.3171,
0.3296

■ 21.4959, 0.6211,
0.3375

■ 98.6911, 0.3084,
0.3290

■ 20.5812, 0.6343,
0.3346

Harmonies

Analogous

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



44.3659, 0.3821, 0.2971



44.3659, 0.4202, 0.3401



44.3659, 0.4254, 0.3843

Triad

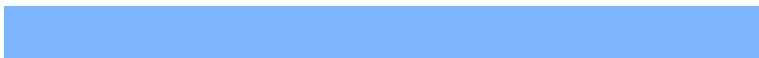
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.3659, 0.4202, 0.3401



44.3659, 0.2928, 0.4121



44.3659, 0.2293, 0.2404

Complementary

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



44.3659, 0.4202, 0.3401



73.6514, 0.2526, 0.3172

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.



44.3659, 0.2107, 0.2603



44.3659, 0.4202, 0.3401



44.3659, 0.2445, 0.3602

Square

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



44.3659, 0.4202, 0.3401



44.3659, 0.3491, 0.4339



44.3659, 0.2157, 0.3026



44.3659, 0.2694, 0.2421

Rectangle

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



44.3659, 0.4202, 0.3401



44.3659, 0.4104, 0.4100



44.3659, 0.2157, 0.3026



44.3659, 0.2205, 0.2446

Sweetspot

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



44.3681, 0.4202, 0.3401



80.3669, 0.3362, 0.3322



45.5402, 0.3252, 0.2315



16.5574, 0.3408, 0.3328



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.



44.3681, 0.4202, 0.3401



40.6989, 0.4530, 0.3420



65.0046, 0.3951, 0.3943



17.4888, 0.3292, 0.3313



11.2077, 0.6328, 0.3357



1.1240, 0.6181, 0.3474

Inverse Universe

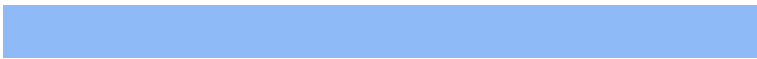
The Inverse Universe completely reimagines the original color for something new.



73.6514, 0.2526, 0.3172



75.5043, 0.2435, 0.3145



47.7123, 0.2418, 0.2525



19.3116, 0.2980, 0.3267



32.7372, 0.2164, 0.2990



3.1112, 0.2175, 0.3029

Previews

White Background



This preview shows how the Yxy color 44.3659, 0.4202, 0.3401 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 44.3659, 0.4202, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

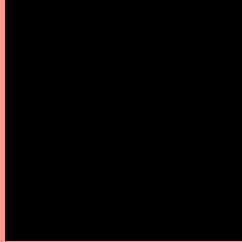
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3659, 0.4202, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 44.3659, 0.4202, 0.3401.



This preview shows how white text looks on a background with the Yxy color 44.3659, 0.4202, 0.3401.

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

44.3659, 0.4202, 0.3401

Protanopia

44.7387, 0.3408, 0.3609

Deuteranopia

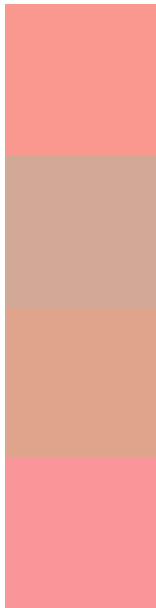
44.5452, 0.3772, 0.3691



Tritanopia

44.3570, 0.4045, 0.3175

Trichromacy



Original Color

44.3659, 0.4202, 0.3401

Protanomaly

44.1333, 0.3677, 0.3529

Deuteranomaly

44.1323, 0.3927, 0.3578

Tritanomaly

44.2523, 0.4106, 0.3261

Monochromacy



Original Color

44.3659, 0.4202, 0.3401

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.4818, 0.3488, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3659, 0.4202, 0.3401 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(248, 152, 142)` looks like.

```
.text, #text, p{  
    color:rgb(248, 152, 142)  
}
```

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(248, 152, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 152, 142) }
```

Border

The CSS property to change the border of an element to Yxy 44.3659, 0.4202, 0.3401 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(248, 152, 142) }
```

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

```
.border{ border-color:rgb(248, 152, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 152, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 152, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 152, 142); box-shadow:4px 4px 4px 4px rgb(248, 152, 142) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3659, 0.4202, 0.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 152, 142) }
```

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

```
.background{ background-color: rgb(248,  
152, 142) }
```

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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