

Converting Colors

$Yxy(43.9710, 0.3888, 0.3292)$

Have a look what the booklet for
Yxy(43.9710, 0.3888, 0.3292)
contains.

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Color

Yxy(44.0407, 0.3893, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	EA9D9D
RGB	234, 157, 157
RGB Percent	92%, 62%, 62%
CMY	0.0823, 0.3843, 0.3843
CMYK	0.00, 0.33, 0.33, 0.08
HSL	360°, 65%, 77%
HSV	360°, 33%, 92%
XYZ	52.0809, 44.0407, 37.6593
YIQ	180.0230, 45.8920, 16.3240

Conversions

Conversions Part 2

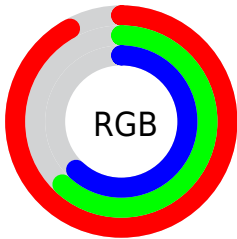
Format	Color
R_{YB}	234, 157, 157
Decimal	15375773
CIE Lab	72.26, 28.74, 11.78
CIE LCh	72, 31.057, 22.281
Yxy	44.0407, 0.3893, 0.3292
Android (android.graphics.Color)	4293565853 (0xFFEA9D9D)
YUV	180.0230, -11.3503, 47.3378
Hunter-Lab	66.3632, 23.9489, 12.8087

Details

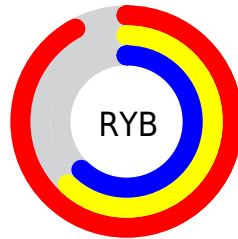
The Yxy color **44.0407, 0.3893, 0.3292** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.9671, 0.2659, 0.3289**, and the grayscale version is **45.7001, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1004, 0.3452, 0.3291**, and **20.3739, 0.4112, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **36.1443, 0.4253, 0.3293**, and if you desaturate by 10%, it is **53.6109, 0.3599, 0.3291**.

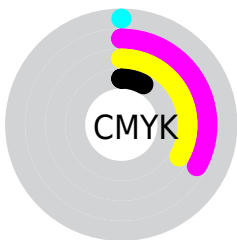
Distribution



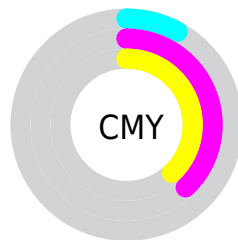
- Red (92%)
- Green (62%)
- Blue (62%)



- Red (92%)
- Yellow (62%)
- Blue (62%)



- Cyan (0%)
- Magenta (33%)
- Yellow (33%)
- Black (8%)




- Cyan (8%)
- Magenta (38%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0407, 0.3893, 0.3292 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 44.0407, 0.3893, 0.3292 by changing the saturation by 10% instead.

 44.0407, 0.3893,
0.3292

 44.0407, 0.3893,
0.3292

362.8743, 0.3503,
0.3301

 30.7025, 0.3992,
0.3287


 81.2790, 0.3750,
0.3298

 20.3724, 0.4121,
0.3278


 105.9479, 0.3696,
0.3299

 12.6660, 0.4293,
0.3263

135.1624, 0.3651,
0.3300

 7.1990, 0.4535,
0.3236

169.3071, 0.3613,
0.3300

 3.5869, 0.4897,
0.3182

208.7662, 0.3580,
0.3301

 1.4453, 0.5527,
0.3080

253.9242, 0.3551,

 0.2497, 0.7906,

0.3301

0.2094

305.1654, 0.3525,
0.3301

0.0000, 0.0000,
0.0000

44.0407, 0.3893,
0.3292

44.0407, 0.3893,
0.3292

36.1443, 0.4253,
0.3293

53.6109, 0.3599,
0.3291

29.8196, 0.4680,
0.3294

64.9364, 0.3363,
0.3291

24.9635, 0.5154,
0.3296

78.1014, 0.3174,
0.3290

21.4578, 0.5631,
0.3297

93.1825, 0.3024,
0.3290

19.1661, 0.6037,
0.3298

96.2364, 0.3000,
0.3290

■ 17.9237, 0.6301,
0.3299

■ 17.4965, 0.6401,
0.3300

Harmonies

Analogous

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



44.0407, 0.3550, 0.2958



44.0407, 0.3893, 0.3292



44.0407, 0.4012, 0.3647

Triad

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



44.0407, 0.3893, 0.3292



44.0407, 0.3102, 0.3988



44.0407, 0.2412, 0.2624

Complementary

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



44.0407, 0.3893, 0.3292



71.9671, 0.2659, 0.3289

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.



44.0407, 0.2315, 0.2840



44.0407, 0.3893, 0.3292



44.0407, 0.2694, 0.3650

Square

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



44.0407, 0.3893, 0.3292



44.0407, 0.3536, 0.4088



44.0407, 0.2413, 0.3213



44.0407, 0.2690, 0.2583

Rectangle

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



44.0407, 0.3893, 0.3292



44.0407, 0.3947, 0.3858



44.0407, 0.2413, 0.3213



44.0407, 0.2359, 0.2676

Sweetspot

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



44.0428, 0.3893, 0.3292



83.2612, 0.3304, 0.3290



47.3334, 0.3154, 0.2471



17.3574, 0.3333, 0.3291



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.



44.0428, 0.3893, 0.3292



47.2721, 0.4111, 0.3293



58.6140, 0.3756, 0.3708



15.0541, 0.3293, 0.3290



9.8299, 0.6400, 0.3300



0.7719, 0.6400, 0.3299

Inverse Universe

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



44.0428, 0.3893, 0.3292



47.2721, 0.4111, 0.3293



52.9475, 0.2601, 0.2829



15.0541, 0.3293, 0.3290



9.8299, 0.6400, 0.3300



0.7719, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 44.0407, 0.3893, 0.3292 looks on a white background.

Color Contrast Check

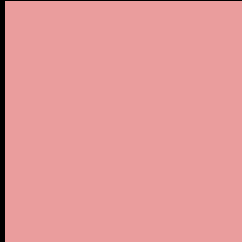
Large Text (above 18pt) WCAG AA × Fail

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 44.0407, 0.3893, 0.3292 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 44.0407, 0.3893, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 44.0407, 0.3893, 0.3292.



This preview shows how white text looks on a background with the Yxy color 44.0407, 0.3893, 0.3292.

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

44.0407, 0.3893, 0.3292

Protanopia

44.3387, 0.3254, 0.3410

Deuteranopia

44.1554, 0.3576, 0.3507



Tritanopia

43.8949, 0.3807, 0.3156

Trichromacy



Original Color

44.0407, 0.3893, 0.3292

Protanomaly

43.9863, 0.3478, 0.3367

Deuteranomaly

43.9351, 0.3688, 0.3427

Tritanomaly

44.0834, 0.3845, 0.3213

Monochromacy



Original Color

44.0407, 0.3893, 0.3292

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.7630, 0.3383, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0407, 0.3893, 0.3292 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(234, 157, 157)` looks like.

```
.text, #text, p{  
    color:rgb(234, 157, 157)  
}
```

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(234, 157, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 157, 157) }
```

Border

The CSS property to change the border of an element to Yxy 44.0407, 0.3893, 0.3292 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(234, 157, 157) }
```

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

```
.border{ border-color:rgb(234, 157, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 157, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 157, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 157, 157); box-shadow:4px 4px 4px 4px rgb(234, 157, 157) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0407, 0.3893, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 157, 157) }
```

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

```
.background{ background-color: rgb(234,  
157, 157) }
```

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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