

Converting Colors

$Yxy(43.0565, 0.3927, 0.3283)$

Have a look what the booklet for
Yxy(43.0565, 0.3927, 0.3283)
contains.

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Color

Yxy(42.9702, 0.3925, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	EA9A9B
RGB	234, 154, 155
RGB Percent	92%, 60%, 61%
CMY	0.0823, 0.3961, 0.3922
CMYK	0.00, 0.34, 0.34, 0.08
HSL	359°, 66%, 76%
HSV	359°, 34%, 92%
XYZ	51.4045, 42.9702, 36.5921
YIQ	178.0340, 47.3590, 17.2710

Conversions

Conversions Part 2

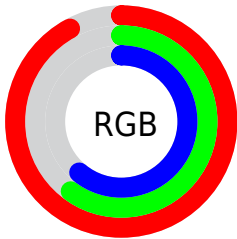
Format	Color
RYB	234, 154, 155
Decimal	15375003
CIELab	71.53, 30.07, 11.87
CIELCh	72, 32.326, 21.546
Yxy	42.9702, 0.3925, 0.3281
Android (android.graphics.Color)	4293565083 (0xFFEA9A9B)
YUV	178.0340, -11.3558, 49.0822
Hunter-Lab	65.5517, 25.2612, 12.7894

Details

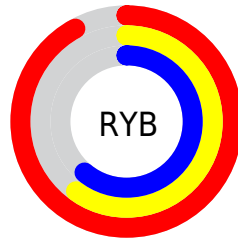
The Yxy color **42.9702, 0.3925, 0.3281** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.6031, 0.2649, 0.3300**, and the grayscale version is **44.5833, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4644, 0.3479, 0.3291**, and **19.7323, 0.4160, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **35.2824, 0.4289, 0.3279**, and if you desaturate by 10%, it is **52.3163, 0.3627, 0.3284**.

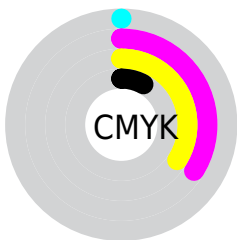
Distribution



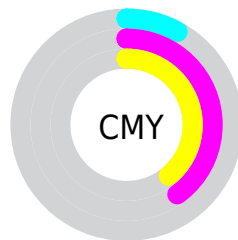
- Red (92%)
- Green (60%)
- Blue (61%)



- Red (92%)
- Yellow (60%)
- Blue (61%)



- Cyan (0%)
- Magenta (34%)
- Yellow (34%)
- Black (8%)




- Cyan (8%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9702, 0.3925, 0.3281 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 42.9702, 0.3925, 0.3281 by changing the saturation by 10% instead.


 42.9702, 0.3925,
0.3281


 42.9702, 0.3925,
0.3281


358.4892, 0.3517,
0.3296

 29.8617, 0.4029,
0.3274


 79.6659, 0.3775,
0.3289

 19.7337, 0.4165,
0.3263


 104.0219, 0.3719,
0.3291

 12.2016, 0.4346,
0.3244


132.8959, 0.3672,
0.3293

 6.8811, 0.4602,
0.3211

166.6722, 0.3632,
0.3294

 3.3879, 0.4988,
0.3147

205.7354, 0.3597,
0.3295

 1.3374, 0.5687,
0.3039

250.4696, 0.3567,

 0.1699, 0.8407,

0.3295

0.1593

301.2594, 0.3540,
0.3296

0.0000, 0.0000,
0.0000

42.9702, 0.3925,
0.3281

42.9702, 0.3925,
0.3281

35.2824, 0.4289,
0.3279

52.3163, 0.3627,
0.3284

29.1504, 0.4718,
0.3278

63.4031, 0.3387,
0.3286

24.4698, 0.5192,
0.3278

76.3149, 0.3195,
0.3289

21.1212, 0.5663,
0.3281

91.1288, 0.3042,
0.3291

18.9660, 0.6059,
0.3286

96.2333, 0.2999,
0.3290

■ 17.8352, 0.6311,
0.3293

■ 17.4996, 0.6391,
0.3294

Harmonies

Analogous

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



42.9702, 0.3560, 0.2934



42.9702, 0.3925, 0.3281



42.9702, 0.4056, 0.3652

Triad

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



42.9702, 0.3925, 0.3281



42.9702, 0.3111, 0.4031



42.9702, 0.2375, 0.2595

Complementary

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



42.9702, 0.3925, 0.3281



71.6031, 0.2649, 0.3300

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.



42.9702, 0.2278, 0.2825



42.9702, 0.3925, 0.3281



42.9702, 0.2681, 0.3679

Square

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



42.9702, 0.3925, 0.3281



42.9702, 0.3564, 0.4128



42.9702, 0.2384, 0.3218



42.9702, 0.2660, 0.2550

Rectangle

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



42.9702, 0.3925, 0.3281



42.9702, 0.3991, 0.3875



42.9702, 0.2384, 0.3218



42.9702, 0.2320, 0.2651

Sweetspot

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



42.9723, 0.3925, 0.3281



83.2785, 0.3302, 0.3287



46.3219, 0.3155, 0.2440



17.3616, 0.3330, 0.3287



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.



42.9723, 0.3925, 0.3281



45.4752, 0.4173, 0.3280



57.8213, 0.3786, 0.3725



15.0571, 0.3291, 0.3288



9.8347, 0.6387, 0.3292



0.7733, 0.6351, 0.3272

Inverse Universe

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



42.9723, 0.3925, 0.3281



45.4752, 0.4173, 0.3280



51.9931, 0.2580, 0.2809



15.0571, 0.3291, 0.3288



9.8347, 0.6387, 0.3292



0.7733, 0.6351, 0.3272

Previews

White Background



This preview shows how the Yxy color 42.9702, 0.3925, 0.3281 looks on a white background.

Color Contrast Check

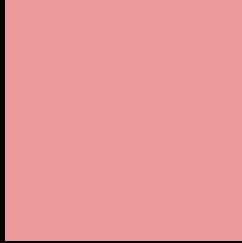
Large Text (above 18pt) WCAG AA × Fail

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 42.9702, 0.3925, 0.3281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

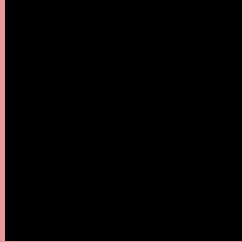
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9702, 0.3925, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 42.9702, 0.3925, 0.3281.



This preview shows how white text looks on a background with the Yxy color 42.9702, 0.3925, 0.3281.

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

42.9702, 0.3925, 0.3281

Protanopia

43.2369, 0.3256, 0.3411

Deuteranopia

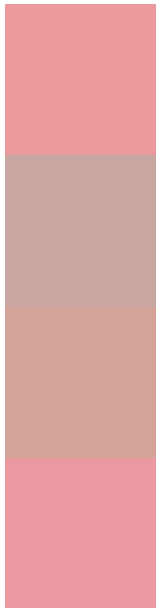
43.0604, 0.3581, 0.3509



Tritanopia

43.1250, 0.3845, 0.3167

Trichromacy



Original Color

42.9702, 0.3925, 0.3281

Protanomaly

42.5254, 0.3484, 0.3355

Deuteranomaly

42.9970, 0.3704, 0.3427

Tritanomaly

43.0178, 0.3876, 0.3201

Monochromacy



Original Color

42.9702, 0.3925, 0.3281

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.2840, 0.3388, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9702, 0.3925, 0.3281 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, 154, 155)` looks like.

```
.text, #text, p{  
    color:rgb(234, 154, 155)  
}
```

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, 154, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 154, 155) }
```

Border

The CSS property to change the border of an element to Yxy 42.9702, 0.3925, 0.3281 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, 154, 155) }
```

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

```
.border{ border-color:rgb(234, 154, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 154, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 154, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 154, 155);  
box-shadow:4px 4px 4px 4px rgb(234, 154,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9702, 0.3925, 0.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 154, 155) }
```

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

```
.background{ background-color: rgb(234,  
154, 155) }
```

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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