

Converting Colors

$Yxy(44.3352, 0.3952, 0.3353)$

Have a look what the booklet for
Yxy(44.3352, 0.3952, 0.3353)
contains.

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Color

Yxy(44.3829, 0.3949, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	EB9E98
RGB	235, 158, 152
RGB Percent	92%, 62%, 60%
CMY	0.0786, 0.3803, 0.4039
CMYK	0.00, 0.33, 0.35, 0.08
HSL	4°, 67%, 76%
HSV	4°, 35%, 92%
XYZ	52.1476, 44.3829, 35.5222
YIQ	180.3390, 47.8180, 14.4580

Conversions

Conversions Part 2

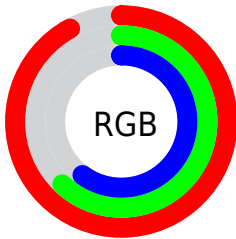
Format	Color
R _Y B	235, 158, 152
Decimal	15441560
CIE Lab	72.48, 27.93, 14.88
CIE LCh	72, 31.645, 28.041
Yxy	44.3829, 0.3949, 0.3361
Android (android.graphics.Color)	4293631640 (0xFFEB9E98)
YUV	180.3390, -13.9711, 47.9377
Hunter-Lab	66.6205, 23.1361, 15.0208

Details

The Yxy color **44.3829, 0.3949, 0.3361** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.6796, 0.2620, 0.3217**, and the grayscale version is **45.8918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3047, 0.3494, 0.3363**, and **20.5948, 0.4191, 0.3367** is the 20% darker color. If you saturate the color by 10%, you get **36.9022, 0.4307, 0.3381**, and if you desaturate by 10%, it is **53.3385, 0.3652, 0.3340**.

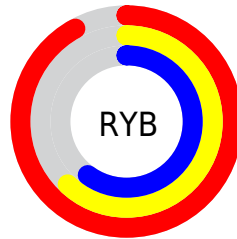
Distribution



Red (92%)

Green (62%)

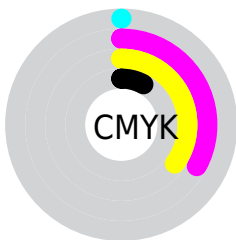
Blue (60%)



Red (92%)

Yellow (62%)

Blue (60%)

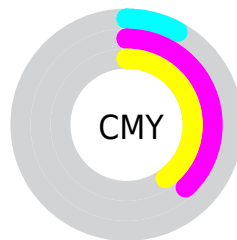


Cyan (0%)

Magenta (33%)

Yellow (35%)

Black (8%)



Cyan (8%)


Magenta (38%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3829, 0.3949, 0.3361 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 44.3829, 0.3949, 0.3361 by changing the saturation by 10% instead.


 44.3829, 0.3949,
0.3361


 44.3829, 0.3949,
0.3361


364.2685, 0.3530,
0.3338

 30.9716, 0.4055,
0.3363


 81.7936, 0.3795,
0.3355

 20.5773, 0.4192,
0.3363


 106.5618, 0.3738,
0.3352

 12.8153, 0.4376,
0.3359

135.8845, 0.3690,
0.3349

 7.3015, 0.4632,
0.3345

170.1461, 0.3649,
0.3347

 3.6514, 0.5013,
0.3306

209.7308, 0.3613,
0.3344

 1.4805, 0.5723,
0.3255

255.0232, 0.3582,

 0.2750, 0.7750,

0.3342

0.2250

306.4077, 0.3555,
0.3340

0.0000, 0.0000,
0.0000

44.3829, 0.3949,
0.3361

44.3829, 0.3949,
0.3361

36.9022, 0.4307,
0.3381

53.3385, 0.3652,
0.3340

30.8112, 0.4725,
0.3396

63.8352, 0.3410,
0.3319

26.0260, 0.5183,
0.3403

75.9433, 0.3215,
0.3300

22.4511, 0.5638,
0.3397

89.7267, 0.3057,
0.3282

19.9778, 0.6026,
0.3377

96.3970, 0.3005,
0.3290

■ 18.4778, 0.6283,
0.3345

■ 18.0598, 0.6359,
0.3333

Harmonies

Analogous

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



44.3829, 0.3637, 0.3013



44.3829, 0.3949, 0.3361



44.3829, 0.4019, 0.3717

Triad

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



44.3829, 0.3949, 0.3361



44.3829, 0.3016, 0.3950



44.3829, 0.2442, 0.2592

Complementary

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



44.3829, 0.3949, 0.3361



68.6796, 0.2620, 0.3217

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.



44.3829, 0.2306, 0.2777



44.3829, 0.3949, 0.3361



44.3829, 0.2619, 0.3573

Square

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



44.3829, 0.3949, 0.3361



44.3829, 0.3461, 0.4103



44.3829, 0.2367, 0.3129



44.3829, 0.2755, 0.2585

Rectangle

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



44.3829, 0.3949, 0.3361



44.3829, 0.3920, 0.3919



44.3829, 0.2367, 0.3129



44.3829, 0.2376, 0.2633

Sweetspot

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



44.3850, 0.3949, 0.3361



82.8346, 0.3322, 0.3311



45.7941, 0.3215, 0.2467



17.3133, 0.3349, 0.3314



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.



44.3850, 0.3949, 0.3361



47.0636, 0.4189, 0.3375



60.7776, 0.3786, 0.3813



15.2296, 0.3291, 0.3308



10.1214, 0.6346, 0.3343



0.8563, 0.6208, 0.3453

Inverse Universe

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



68.6796, 0.2620, 0.3217



80.1647, 0.2538, 0.3201



48.6173, 0.2550, 0.2700



16.9237, 0.2981, 0.3272



31.3079, 0.2184, 0.3062



2.5145, 0.2193, 0.3096

Previews

White Background



This preview shows how the Yxy color 44.3829, 0.3949, 0.3361 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 44.3829, 0.3949, 0.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

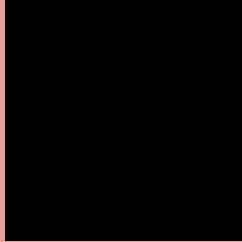
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3829, 0.3949, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 44.3829, 0.3949, 0.3361.



This preview shows how white text looks on a background with the Yxy color 44.3829, 0.3949, 0.3361.

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

44.3829, 0.3949, 0.3361

Protanopia

44.7637, 0.3322, 0.3503

Deuteranopia

44.3070, 0.3632, 0.3557



Tritanopia

44.3998, 0.3814, 0.3168

Trichromacy



Original Color

44.3829, 0.3949, 0.3361

Protanomaly

44.2910, 0.3540, 0.3456

Deuteranomaly

44.1057, 0.3745, 0.3475

Tritanomaly

44.5554, 0.3861, 0.3236

Monochromacy



Original Color

44.3829, 0.3949, 0.3361

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.6867, 0.3401, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3829, 0.3949, 0.3361 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(235, 158, 152)` looks like.

```
.text, #text, p{  
    color:rgb(235, 158, 152)  
}
```

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(235, 158, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 158, 152) }
```

Border

The CSS property to change the border of an element to Yxy 44.3829, 0.3949, 0.3361 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(235, 158, 152) }
```

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

```
.border{ border-color:rgb(235, 158, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 158, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 158, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 158, 152);  
box-shadow:4px 4px 4px 4px rgb(235, 158,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3829, 0.3949, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 158, 152) }
```

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

```
.background{ background-color: rgb(235,  
158, 152) }
```

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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