

Converting Colors

$Y_{xy}(44.3358, 0.3972, 0.3390)$

Have a look what the booklet for
Yxy(44.3358, 0.3972, 0.3390)
contains.

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Color

Yxy(44.3179, 0.3970, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	EB9E96
RGB	235, 158, 150
RGB Percent	92%, 62%, 59%
CMY	0.0784, 0.3804, 0.4119
CMYK	0.00, 0.33, 0.36, 0.08
HSL	6°, 68%, 75%
HSV	6°, 36%, 92%
XYZ	51.9923, 44.3179, 34.6528
YIQ	180.1110, 48.4600, 13.8360

Conversions

Conversions Part 2

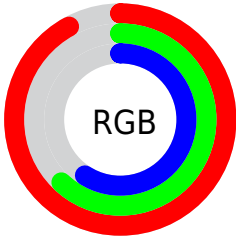
Format	Color
R _{YB}	235, 159, 150
Decimal	15441558
CIE Lab	72.44, 27.71, 15.93
CIE LCh	72, 31.965, 29.901
Yxy	44.3179, 0.3970, 0.3384
Android (android.graphics.Color)	4293631638 (0xFFEB9E96)
YUV	180.1110, -14.8447, 48.1377
Hunter-Lab	66.5717, 22.9076, 15.7377

Details

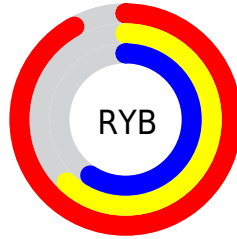
The Yxy color **44.3179, 0.3970, 0.3384** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.3993, 0.2606, 0.3192**, and the grayscale version is **45.7665, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2081, 0.3509, 0.3383**, and **20.5560, 0.4220, 0.3397** is the 20% darker color. If you saturate the color by 10%, you get **36.9956, 0.4328, 0.3409**, and if you desaturate by 10%, it is **53.0530, 0.3672, 0.3357**.

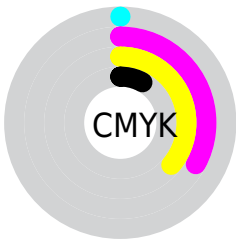
Distribution



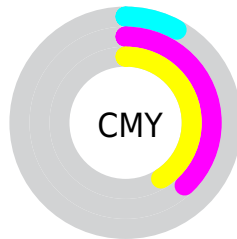
- Red (92%)
- Green (62%)
- Blue (59%)



- Red (92%)
- Yellow (62%)
- Blue (59%)



- Cyan (0%)
- Magenta (33%)
- Yellow (36%)
- Black (8%)





- Cyan (8%)
- Magenta (38%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3179, 0.3970, 0.3384 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 44.3179, 0.3970, 0.3384 by changing the saturation by 10% instead.


 44.3179, 0.3970,
0.3384

 44.3179, 0.3970,
0.3384


364.0040, 0.3541,
0.3350

 30.9205, 0.4079,
0.3388


 81.6959, 0.3813,
0.3375

 20.5383, 0.4219,
0.3391


 106.4453, 0.3754,
0.3370

 12.7870, 0.4407,
0.3390

135.7475, 0.3704,
0.3366

 7.2820, 0.4669,
0.3380

169.9868, 0.3662,
0.3362

 3.6391, 0.5057,
0.3346

209.5478, 0.3625,
0.3359

 1.4738, 0.5813,
0.3319

254.8147, 0.3594,

 0.2702, 0.7761,

0.3356

0.2239

306.1719, 0.3565,
0.3353

0.0000, 0.0000,
0.0000

44.3179, 0.3970,
0.3384

44.3179, 0.3970,
0.3384

36.9956, 0.4328,
0.3409

53.0530, 0.3672,
0.3357

31.0060, 0.4742,
0.3428

63.2631, 0.3428,
0.3330

26.2703, 0.5195,
0.3437

75.0143, 0.3230,
0.3305

22.6994, 0.5642,
0.3429

88.3667, 0.3070,
0.3281

20.1917, 0.6022,
0.3402

96.4034, 0.3005,
0.3290

■ 18.6286, 0.6275,
0.3361

■ 18.2457, 0.6340,
0.3348

Harmonies

Analogous

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



44.3179, 0.3667, 0.3030



44.3179, 0.3970, 0.3384



44.3179, 0.4024, 0.3741

Triad

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



44.3179, 0.3970, 0.3384



44.3179, 0.2987, 0.3939



44.3179, 0.2450, 0.2579

Complementary

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



44.3179, 0.3970, 0.3384



67.3993, 0.2606, 0.3192

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.



44.3179, 0.2301, 0.2754



44.3179, 0.3970, 0.3384



44.3179, 0.2593, 0.3548

Square

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



44.3179, 0.3970, 0.3384



44.3179, 0.3437, 0.4111



44.3179, 0.2350, 0.3101



44.3179, 0.2776, 0.2583

Rectangle

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



44.3179, 0.3970, 0.3384



44.3179, 0.3914, 0.3941



44.3179, 0.2350, 0.3101



44.3179, 0.2379, 0.2617

Sweetspot

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



44.3200, 0.3970, 0.3384



83.1757, 0.3321, 0.3317



45.0620, 0.3230, 0.2461



17.3938, 0.3348, 0.3320



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.



44.3200, 0.3970, 0.3384



46.9973, 0.4214, 0.3402



60.9754, 0.3800, 0.3842



15.2830, 0.3291, 0.3313



10.2344, 0.6325, 0.3359



0.8818, 0.6154, 0.3496

Inverse Universe

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



67.3993, 0.2606, 0.3192



78.3543, 0.2522, 0.3171



47.3446, 0.2532, 0.2664



16.8642, 0.2981, 0.3267



29.8647, 0.2164, 0.2991



2.4161, 0.2177, 0.3036

Previews

White Background



This preview shows how the Yxy color 44.3179, 0.3970, 0.3384 looks on a white background.

Color Contrast Check

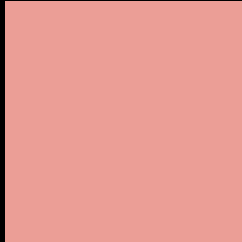
Large Text (above 18pt) WCAG AA × Fail

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 44.3179, 0.3970, 0.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

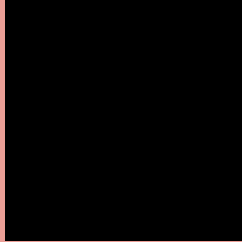
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3179, 0.3970, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 44.3179, 0.3970, 0.3384.



This preview shows how white text looks on a background with the Yxy color 44.3179, 0.3970, 0.3384.

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

44.3179, 0.3970, 0.3384

Protanopia

44.8180, 0.3348, 0.3529

Deuteranopia

44.3857, 0.3660, 0.3581



Tritanopia

44.2372, 0.3827, 0.3157

Trichromacy



Original Color

44.3179, 0.3970, 0.3384

Protanomaly

44.3635, 0.3567, 0.3481

Deuteranomaly

44.1941, 0.3774, 0.3499

Tritanomaly

44.1830, 0.3875, 0.3236

Monochromacy



Original Color

44.3179, 0.3970, 0.3384

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.6490, 0.3410, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3179, 0.3970, 0.3384 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(235, 158, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 158, 150) }
```

Border

The CSS property to change the border of an element to Yxy 44.3179, 0.3970, 0.3384 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, 150) }
```

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

```
.border{ border-color:rgb(235, 158, 150) }
```

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, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 158, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 158, 150);  
box-shadow:4px 4px 4px 4px rgb(235, 158,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3179, 0.3970, 0.3384 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, 150) }
```

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

```
.background{ background-color: rgb(235,  
158, 150) }
```

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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