

Converting Colors

$Yxy(43.1250, 0.3845, 0.3167)$

Have a look what the booklet for
Yxy(43.1250, 0.3845, 0.3167)
contains.

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Color

Yxy(43.1250, 0.3845, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	EB99A4
RGB	235, 153, 164
RGB Percent	92%, 60%, 64%
CMY	0.0784, 0.4000, 0.3568
CMYK	0.00, 0.35, 0.30, 0.08
HSL	352°, 67%, 76%
HSV	352°, 35%, 92%
XYZ	52.3573, 43.1250, 40.6876
YIQ	178.7720, 45.3410, 20.8050

Conversions

Conversions Part 2

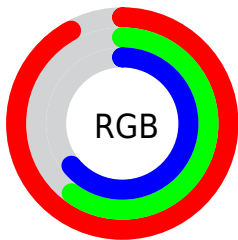
Format	Color
R _Y B	235, 153, 164
Decimal	15440292
CIE Lab	71.64, 32.12, 7.05
CIE LCh	72, 32.880, 12.376
Yxy	43.1250, 0.3845, 0.3167
Android (android.graphics.Color)	4293630372 (0xFFEB99A4)
YUV	178.7720, -7.2826, 49.3120
Hunter-Lab	65.6696, 27.3933, 9.2339

Details

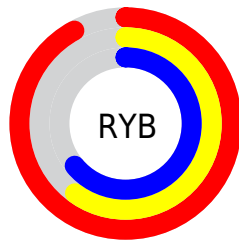
The Yxy color **43.1250, 0.3845, 0.3167** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.5808, 0.2691, 0.3421**, and the grayscale version is **44.9743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4862, 0.3406, 0.3179**, and **19.8243, 0.4059, 0.3130** is the 20% darker color. If you saturate the color by 10%, you get **35.4995, 0.4165, 0.3133**, and if you desaturate by 10%, it is **52.3872, 0.3582, 0.3204**.

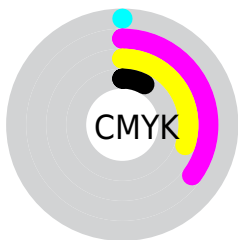
Distribution



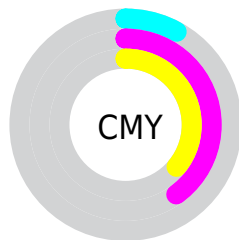
- Red (92%)
- Green (60%)
- Blue (64%)



- Red (92%)
- Yellow (60%)
- Blue (64%)



- Cyan (0%)
- Magenta (35%)
- Yellow (30%)
- Black (8%)





- Cyan (8%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1250, 0.3845, 0.3167 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 43.1250, 0.3845, 0.3167 by changing the saturation by 10% instead.

 43.1250, 0.3845,
0.3167


 43.1250, 0.3845,
0.3167


359.1256, 0.3479,
0.3236

 29.9832, 0.3938,
0.3148


 79.8995, 0.3710,
0.3194

 19.8258, 0.4059,
0.3122


 104.3009, 0.3660,
0.3203

 12.2685, 0.4222,
0.3085


133.2244, 0.3618,
0.3211

 6.9268, 0.4452,
0.3029

167.0542, 0.3582,
0.3217

 3.4164, 0.4799,
0.2937

206.1749, 0.3551,
0.3223

 1.3528, 0.5376,
0.2764

250.9707, 0.3524,

 0.1815, 0.8412,

0.3228

0.1588

301.8262, 0.3500,
0.3232

0.0000, 0.0000,
0.0000

43.1250, 0.3845,
0.3167

43.1250, 0.3845,
0.3167

35.4995, 0.4165,
0.3133

52.3872, 0.3582,
0.3204

29.4096, 0.4543,
0.3106

63.3672, 0.3369,
0.3240

24.7526, 0.4969,
0.3093

76.1481, 0.3198,
0.3274

21.4106, 0.5413,
0.3101

90.8058, 0.3061,
0.3306

19.2468, 0.5821,
0.3133

96.4051, 0.3005,
0.3290

■ 18.0942, 0.6135,
0.3188

■ 17.7668, 0.6250,
0.3217

Harmonies

Analogous

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



43.1250, 0.3424, 0.2836



43.1250, 0.3845, 0.3167



43.1250, 0.4060, 0.3543

Triad

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



43.1250, 0.3845, 0.3167



43.1250, 0.3254, 0.4104



43.1250, 0.2312, 0.2636

Complementary

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



43.1250, 0.3845, 0.3167



71.5808, 0.2691, 0.3421

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.



43.1250, 0.2277, 0.2924



43.1250, 0.3845, 0.3167



43.1250, 0.2797, 0.3816

Square

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



43.1250, 0.3845, 0.3167



43.1250, 0.3697, 0.4115



43.1250, 0.2446, 0.3360



43.1250, 0.2546, 0.2534

Rectangle

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



43.1250, 0.3845, 0.3167



43.1250, 0.4049, 0.3784



43.1250, 0.2446, 0.3360



43.1250, 0.2278, 0.2712

Sweetspot

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



43.1271, 0.3845, 0.3167



83.4545, 0.3282, 0.3257



44.4233, 0.3061, 0.2397



17.4037, 0.3306, 0.3252



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.



43.1271, 0.3845, 0.3167



45.0268, 0.4072, 0.3142



53.2997, 0.3845, 0.3616



15.0870, 0.3272, 0.3259



9.8970, 0.6223, 0.3202



0.7876, 0.5906, 0.3027

Inverse Universe

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



43.1271, 0.3845, 0.3167



45.0268, 0.4072, 0.3142



57.0632, 0.2588, 0.2937



15.0870, 0.3272, 0.3259



9.8970, 0.6223, 0.3202



0.7876, 0.5906, 0.3027

Previews

White Background



This preview shows how the Yxy color 43.1250, 0.3845, 0.3167 looks on a white background.

Color Contrast Check

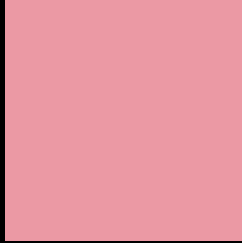
Large Text (above 18pt) WCAG AA × Fail

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 43.1250, 0.3845, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

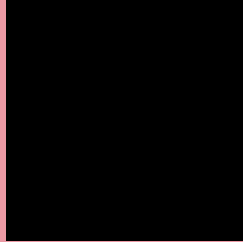
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1250, 0.3845, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 43.1250, 0.3845, 0.3167.



This preview shows how white text looks on a background with the Yxy color 43.1250, 0.3845, 0.3167.

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

43.1250, 0.3845, 0.3167

Protanopia

43.3782, 0.3154, 0.3277

Deuteranopia

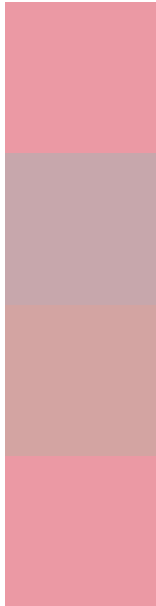
43.3284, 0.3467, 0.3407



Tritanopia

43.1250, 0.3845, 0.3167

Trichromacy



Original Color

43.1250, 0.3845, 0.3167

Protanomaly

42.7581, 0.3383, 0.3227

Deuteranomaly

43.0084, 0.3598, 0.3316

Tritanomaly

43.1250, 0.3845, 0.3167

Monochromacy



Original Color

43.1250, 0.3845, 0.3167

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.9476, 0.3359, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1250, 0.3845, 0.3167 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, 153, 164)` looks like.

```
.text, #text, p{  
    color:rgb(235, 153, 164)  
}
```

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, 153, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 153, 164) }
```

Border

The CSS property to change the border of an element to Yxy 43.1250, 0.3845, 0.3167 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, 153, 164) }
```

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

```
.border{ border-color:rgb(235, 153, 164) }
```

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

Here you see how a box with a 4 pixel rgb(235, 153, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 153, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 153, 164);  
box-shadow:4px 4px 4px 4px rgb(235, 153,  
164) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 43.1250, 0.3845, 0.3167$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 153, 164) }
```

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

```
.background{ background-color: rgb(235,  
153, 164) }
```

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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