

Converting Colors

$Yxy(44.9053, 0.3760, 0.3136)$

Have a look what the booklet for
Yxy(44.9053, 0.3760, 0.3136)
contains.

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Color

Yxy(44.7164, 0.3761, 0.3133)

Conversions

Conversions Part 1

Format	Color
Hex	EB9DAB
RGB	235, 157, 171
RGB Percent	92%, 62%, 67%
CMY	0.0783, 0.3844, 0.3294
CMYK	0.00, 0.33, 0.27, 0.08
HSL	349°, 66%, 77%
HSV	349°, 33%, 92%
XYZ	53.6797, 44.7164, 44.3310
YIQ	181.9180, 41.9940, 20.8900

Conversions

Conversions Part 2

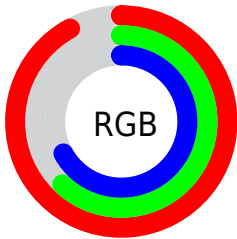
Format	Color
R _Y B	235, 157, 171
Decimal	15441323
CIE Lab	72.70, 30.95, 4.71
CIE LCh	73, 31.303, 8.646
Yxy	44.7164, 0.3761, 0.3133
Android (android.graphics.Color)	4293631403 (0xFFEB9DAB)
YUV	181.9180, -5.3826, 46.5529
Hunter-Lab	66.8703, 26.2665, 7.5035

Details

The Yxy color **44.7164, 0.3761, 0.3133** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71.8305, 0.2727, 0.3457**, and the grayscale version is **46.7463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8380, 0.3349, 0.3150**, and **20.9000, 0.3949, 0.3086** is the 20% darker color. If you saturate the color by 10%, you get **36.8341, 0.4053, 0.3086**, and if you desaturate by 10%, it is **54.2399, 0.3521, 0.3182**.

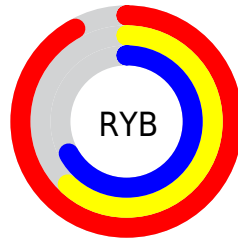
Distribution



Red (92%)

Green (62%)

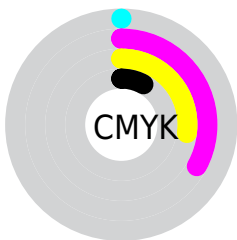
Blue (67%)



Red (92%)

Yellow (62%)

Blue (67%)

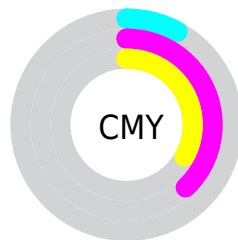


Cyan (0%)

Magenta (33%)

Yellow (27%)

Black (8%)



Cyan (8%)


Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7164, 0.3761, 0.3133 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 44.7164, 0.3761, 0.3133 by changing the saturation by 10% instead.

 44.7164, 0.3761,
0.3133

 44.7164, 0.3761,
0.3133


365.6238, 0.3440,
0.3216

 31.2341, 0.3842,
0.3111


 82.2947, 0.3644,
0.3164

 20.7772, 0.3947,
0.3082


 107.1594, 0.3600,
0.3176

 12.9612, 0.4087,
0.3042


136.5872, 0.3563,
0.3185

 7.4019, 0.4284,
0.2984

170.9622, 0.3531,
0.3193

 3.7147, 0.4580,
0.2892

210.6690, 0.3504,
0.3200

 1.5153, 0.5068,
0.2729

256.0919, 0.3480,

 0.2994, 0.7791,

0.3206

0.2209

307.6154, 0.3459,
0.3211

0.0000, 0.0000,
0.0000

44.7164, 0.3761,
0.3133

44.7164, 0.3761,
0.3133

36.8341, 0.4053,
0.3086

54.2399, 0.3521,
0.3182

30.4941, 0.4400,
0.3047

65.4836, 0.3327,
0.3230

25.5964, 0.4797,
0.3022

78.5291, 0.3171,
0.3276

22.0268, 0.5222,
0.3022

93.4507, 0.3044,
0.3318

19.6537, 0.5633,
0.3052

96.4098, 0.3006,
0.3290

■ 18.3178, 0.5978,
0.3115

■ 17.8385, 0.6156,
0.3165

Harmonies

Analogous

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



44.7164, 0.3351, 0.2828



44.7164, 0.3761, 0.3133



44.7164, 0.3993, 0.3488

Triad

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



44.7164, 0.3761, 0.3133



44.7164, 0.3304, 0.4069



44.7164, 0.2342, 0.2699

Complementary

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



44.7164, 0.3761, 0.3133



71.8305, 0.2727, 0.3457

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.



44.7164, 0.2333, 0.2993



44.7164, 0.3761, 0.3133



44.7164, 0.2868, 0.3828

Square

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



44.7164, 0.3761, 0.3133



44.7164, 0.3710, 0.4051



44.7164, 0.2518, 0.3413



44.7164, 0.2542, 0.2578

Rectangle

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



44.7164, 0.3761, 0.3133



44.7164, 0.4006, 0.3719



44.7164, 0.2518, 0.3413



44.7164, 0.2317, 0.2778

Sweetspot

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



44.7185, 0.3761, 0.3133



83.5208, 0.3274, 0.3245



45.4394, 0.3043, 0.2435



17.4196, 0.3297, 0.3239



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.



44.7185, 0.3761, 0.3133



46.9949, 0.3959, 0.3100



53.4379, 0.3810, 0.3571



15.0982, 0.3265, 0.3248



9.9369, 0.6124, 0.3147



0.7930, 0.5761, 0.2947

Inverse Universe

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



44.7185, 0.3761, 0.3133



46.9949, 0.3959, 0.3100



59.4212, 0.2617, 0.2989



15.0982, 0.3265, 0.3248



9.9369, 0.6124, 0.3147



0.7930, 0.5761, 0.2947

Previews

White Background



This preview shows how the Yxy color 44.7164, 0.3761, 0.3133 looks on a white background.

Color Contrast Check

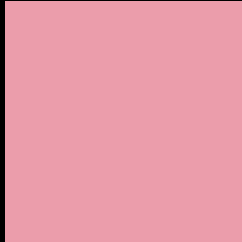
Large Text (above 18pt) WCAG AA × Fail

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 44.7164, 0.3761, 0.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

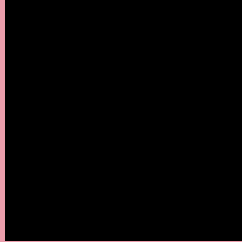
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7164, 0.3761, 0.3133

Background



This preview shows how black text looks on a background with the Yxy color 44.7164, 0.3761, 0.3133.



This preview shows how white text looks on a background with the Yxy color 44.7164, 0.3761, 0.3133.

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

44.7164, 0.3761, 0.3133

Protanopia

45.0834, 0.3113, 0.3225

Deuteranopia

44.9937, 0.3417, 0.3354



Tritanopia

44.6407, 0.3781, 0.3156

Trichromacy



Original Color

44.7164, 0.3761, 0.3133

Protanomaly

44.4216, 0.3334, 0.3178

Deuteranomaly

44.6481, 0.3543, 0.3267

Tritanomaly

44.6784, 0.3771, 0.3145

Monochromacy



Original Color

44.7164, 0.3761, 0.3133

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.5190, 0.3338, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7164, 0.3761, 0.3133 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, 157, 171)` looks like.

```
.text, #text, p{  
    color:rgb(235, 157, 171)  
}
```

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, 157, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 157, 171) }
```

Border

The CSS property to change the border of an element to Yxy 44.7164, 0.3761, 0.3133 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, 157, 171) }
```

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

```
.border{ border-color:rgb(235, 157, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 157, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 157, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 157, 171); box-shadow:4px 4px 4px 4px rgb(235, 157, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7164, 0.3761, 0.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 157, 171) }
```

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

```
.background{ background-color: rgb(235,  
157, 171) }
```

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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