

Converting Colors

$Y_{xy}(41.4640, 0.3757, 0.2996)$

Have a look what the booklet for
Yxy(41.4640, 0.3757, 0.2996)
contains.

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Color

Yxy(41.3770, 0.3760, 0.2997)

Conversions

Conversions Part 1

Format	Color
Hex	EA93AD
RGB	234, 147, 173
RGB Percent	92%, 58%, 68%
CMY	0.0823, 0.4235, 0.3217
CMYK	0.00, 0.37, 0.26, 0.08
HSL	342°, 67%, 75%
HSV	342°, 37%, 92%
XYZ	51.9111, 41.3770, 44.7733
YIQ	175.9770, 43.5060, 26.5300

Conversions

Conversions Part 2

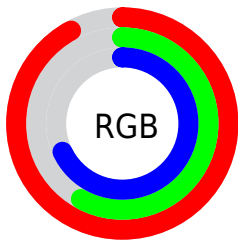
Format	Color
RYB	234, 147, 173
Decimal	15373229
CIELab	70.44, 36.12, 0.31
CIELCh	70, 36.124, 0.489
Yxy	41.3770, 0.3760, 0.2997
Android (android.graphics.Color)	4293563309 (0xFFEA93AD)
YUV	175.9770, -1.4677, 50.8862
Hunter-Lab	64.3250, 31.4832, 3.7587

Details

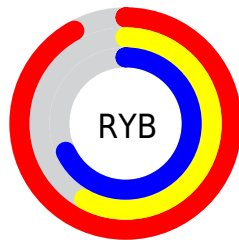
The Yxy color $41.3770, 0.3760, 0.2997$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $69.6160, 0.2741, 0.3610$, and the grayscale version is $43.3948, 0.3127, 0.3290$.

A 20% lighter version of the original color is $69.1025, 0.3347, 0.3028$, and $18.7950, 0.3938, 0.2909$ is the 20% darker color. If you saturate the color by 10%, you get $34.2295, 0.4023, 0.2921$, and if you desaturate by 10%, it is $50.0868, 0.3541, 0.3078$.

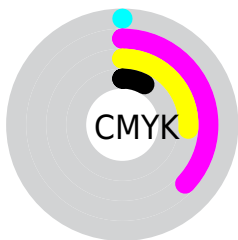
Distribution



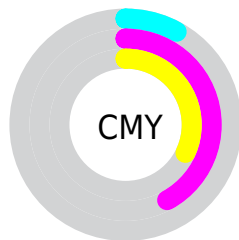
- Red (92%)
- Green (58%)
- Blue (68%)



- Red (92%)
- Yellow (58%)
- Blue (68%)



- Cyan (0%)
- Magenta (37%)
- Yellow (26%)
- Black (8%)




- Cyan (8%)
- Magenta (42%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3770, 0.3760, 0.2997 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 41.3770, 0.3760, 0.2997 by changing the saturation by 10% instead.


 41.3770, 0.3760,
0.2997


 41.3770, 0.3760,
0.2997


351.8938, 0.3438,
0.3147

 28.6138, 0.3842,
0.2959


 77.2559, 0.3641,
0.3052

 18.7888, 0.3949,
0.2909


 101.1403, 0.3597,
0.3073

 11.5178, 0.4092,
0.2842


129.5006, 0.3560,
0.3090

 6.4163, 0.4296,
0.2747

162.7211, 0.3529,
0.3104

 3.0998, 0.4604,
0.2603

201.1864, 0.3501,
0.3117

 1.1841, 0.5123,
0.2360

245.2806, 0.3477,

 0.0486, 0.9209,

0.3128

0.0481

295.3883, 0.3456,
0.3138

■ 0.0000, 0.0000,
0.0000

■ 41.3770, 0.3760,
0.2997

■ 41.3770, 0.3760,
0.2997

■ 34.2295, 0.4023,
0.2921

■ 50.0868, 0.3541,
0.3078

■ 28.5452, 0.4330,
0.2857

■ 60.4384, 0.3362,
0.3160

■ 24.2229, 0.4677,
0.2818

■ 72.5129, 0.3215,
0.3237

■ 21.1459, 0.5045,
0.2815

■ 86.3844, 0.3096,
0.3310

■ 19.1773, 0.5406,
0.2857

■ 96.2358, 0.3000,
0.3290

■ 18.1397, 0.5724,
0.2944

■ 17.9362, 0.5805,
0.2971

Harmonies

Analogous

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



41.3770, 0.3241, 0.2674



41.3770, 0.3760, 0.2997



41.3770, 0.4108, 0.3397

Triad

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



41.3770, 0.3760, 0.2997



41.3770, 0.3468, 0.4244



41.3770, 0.2186, 0.2664

Complementary

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



41.3770, 0.3760, 0.2997



69.6160, 0.2741, 0.3610

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.



41.3770, 0.2235, 0.3055



41.3770, 0.3760, 0.2997



41.3770, 0.2950, 0.4043

Square

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



41.3770, 0.3760, 0.2997



41.3770, 0.3915, 0.4129



41.3770, 0.2504, 0.3577



41.3770, 0.2358, 0.2475

Rectangle

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



41.3770, 0.3760, 0.2997



41.3770, 0.4178, 0.3673



41.3770, 0.2504, 0.3577



41.3770, 0.2177, 0.2773

Sweetspot

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



41.3790, 0.3760, 0.2997



82.1877, 0.3268, 0.3208



40.2060, 0.2940, 0.2305



17.1610, 0.3288, 0.3197



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.



41.3790, 0.3760, 0.2997



43.1651, 0.3967, 0.2935



46.2976, 0.3963, 0.3491



15.1281, 0.3246, 0.3220



10.0966, 0.5764, 0.2949



0.8092, 0.5370, 0.2732

Inverse Universe

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



41.3790, 0.3760, 0.2997



43.1651, 0.3967, 0.2935



61.5723, 0.2578, 0.3076



15.1281, 0.3246, 0.3220



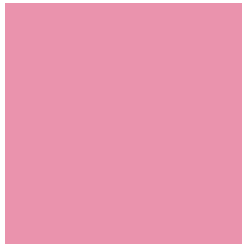
10.0966, 0.5764, 0.2949



0.8092, 0.5370, 0.2732

Previews

White Background



This preview shows how the Yxy color 41.3770, 0.3760, 0.2997 looks on a white background.

Color Contrast Check

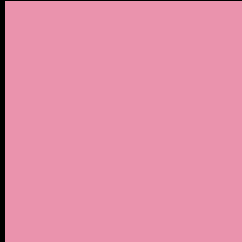
Large Text (above 18pt) WCAG AA × Fail

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 41.3770, 0.3760, 0.2997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

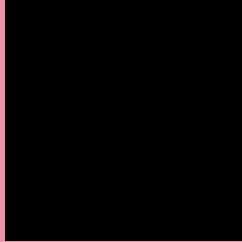
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3770, 0.3760, 0.2997

Background



This preview shows how black text looks on a background with the Yxy color 41.3770, 0.3760, 0.2997.



This preview shows how white text looks on a background with the Yxy color 41.3770, 0.3760, 0.2997.

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

41.3770, 0.3760, 0.2997

Protanopia

41.7938, 0.2989, 0.3075

Deuteranopia

41.4492, 0.3325, 0.3264



Tritanopia

41.3566, 0.3881, 0.3166

Trichromacy



Original Color

41.3770, 0.3760, 0.2997

Protanomaly

41.0826, 0.3242, 0.3034

Deuteranomaly

41.1657, 0.3482, 0.3166

Tritanomaly

41.2201, 0.3831, 0.3098

Monochromacy



Original Color

41.3770, 0.3760, 0.2997

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

41.8757, 0.3340, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3770, 0.3760, 0.2997 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, 147, 173)` looks like.

```
.text, #text, p{  
    color:rgb(234, 147, 173)  
}
```

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, 147, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 147, 173) }
```

Border

The CSS property to change the border of an element to Yxy 41.3770, 0.3760, 0.2997 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, 147, 173) }
```

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

```
.border{ border-color:rgb(234, 147, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 147, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 147, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 147, 173);  
box-shadow:4px 4px 4px 4px rgb(234, 147,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3770, 0.3760, 0.2997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 147, 173) }
```

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

```
.background{ background-color: rgb(234,  
147, 173) }
```

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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