

Converting Colors

$Y_{xy}(43.0086, 0.3758, 0.3016)$

Have a look what the booklet for
Yxy(43.0086, 0.3758, 0.3016)
contains.

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Color

Yxy(42.9124, 0.3759, 0.3011)

Conversions

Conversions Part 1

Format	Color
Hex	ED96AF
RGB	237, 150, 175
RGB Percent	93%, 59%, 69%
CMY	0.0706, 0.4118, 0.3136
CMYK	0.00, 0.37, 0.26, 0.07
HSL	343°, 71%, 76%
HSV	343°, 37%, 93%
XYZ	53.5728, 42.9124, 46.0336
YIQ	178.8630, 43.8270, 26.2190

Conversions

Conversions Part 2

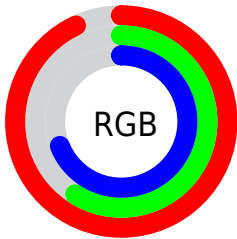
Format	Color
R_{YB}	237, 150, 175
Decimal	15570607
CIE _{Lab}	71.50, 35.89, 0.75
CIE _{LCh}	71, 35.893, 1.193
Yxy	42.9124, 0.3759, 0.3011
Android (android.graphics.Color)	4293760687 (0xFFED96AF)
YUV	178.8630, -1.9045, 50.9861
Hunter-Lab	65.5076, 31.3410, 4.1909

Details

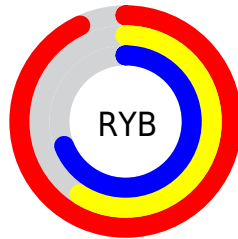
The Yxy color **42.9124, 0.3759, 0.3011** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **71.8069, 0.2740, 0.3594**, and the grayscale version is **44.9974, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6358, 0.3328, 0.3039**, and **19.7491, 0.3935, 0.2929** is the 20% darker color. If you saturate the color by 10%, you get **35.4776, 0.4024, 0.2937**, and if you desaturate by 10%, it is **51.9638, 0.3538, 0.3090**.

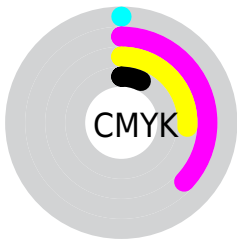
Distribution



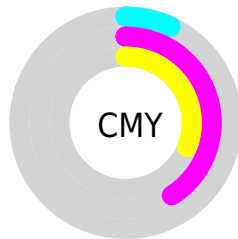
- Red (93%)
- Green (59%)
- Blue (69%)



- Red (93%)
- Yellow (59%)
- Blue (69%)



- Cyan (0%)
- Magenta (37%)
- Yellow (26%)
- Black (7%)





- Cyan (7%)
- Magenta (41%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9124, 0.3759, 0.3011 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 42.9124, 0.3759, 0.3011 by changing the saturation by 10% instead.

 42.9124, 0.3759,
0.3011

 42.9124, 0.3759,
0.3011


358.2514, 0.3439,
0.3153

 29.8164, 0.3840,
0.2975


 79.5787, 0.3642,
0.3063

 19.6993, 0.3945,
0.2928


 103.9177, 0.3598,
0.3083

 12.1766, 0.4086,
0.2865


132.7732, 0.3561,
0.3099

 6.8641, 0.4283,
0.2776

166.5295, 0.3529,
0.3113

 3.3772, 0.4581,
0.2641

205.5711, 0.3502,
0.3125

 1.3317, 0.5077,
0.2416

250.2824, 0.3478,

 0.1656, 0.7812,

0.3136

0.1234

301.0477, 0.3457,
0.3145

0.0000, 0.0000,
0.0000

42.9124, 0.3759,
0.3011

42.9124, 0.3759,
0.3011

35.4776, 0.4024,
0.2937

51.9638, 0.3538,
0.3090

29.5574, 0.4336,
0.2876

62.7134, 0.3357,
0.3168

25.0478, 0.4687,
0.2837

75.2450, 0.3210,
0.3243

21.8288, 0.5061,
0.2834

89.6346, 0.3091,
0.3312

19.7604, 0.5428,
0.2875

96.7453, 0.3017,
0.3290

■ 18.6655, 0.5749,
0.2961

■ 18.4250, 0.5844,
0.2993

Harmonies

Analogous

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



42.9124, 0.3252, 0.2691



42.9124, 0.3759, 0.3011



42.9124, 0.4094, 0.3406

Triad

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



42.9124, 0.3759, 0.3011



42.9124, 0.3451, 0.4225



42.9124, 0.2203, 0.2669

Complementary

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



42.9124, 0.3759, 0.3011



71.8069, 0.2740, 0.3594

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.



42.9124, 0.2246, 0.3049



42.9124, 0.3759, 0.3011



42.9124, 0.2942, 0.4020

Square

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



42.9124, 0.3759, 0.3011



42.9124, 0.3893, 0.4121



42.9124, 0.2507, 0.3560



42.9124, 0.2378, 0.2487

Rectangle

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



42.9124, 0.3759, 0.3011



42.9124, 0.4159, 0.3677



42.9124, 0.2507, 0.3560



42.9124, 0.2193, 0.2775

Sweetspot

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



42.9145, 0.3759, 0.3011



82.1702, 0.3270, 0.3211



41.7620, 0.2943, 0.2318



17.1569, 0.3290, 0.3201



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.



42.9145, 0.3759, 0.3011



43.9433, 0.3953, 0.2955



47.9918, 0.3949, 0.3489



15.1253, 0.3248, 0.3222



10.0786, 0.5802, 0.2970



0.8075, 0.5408, 0.2753

Inverse Universe

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



42.9145, 0.3759, 0.3011



43.9433, 0.3953, 0.2955



63.5772, 0.2584, 0.3079



15.1253, 0.3248, 0.3222



10.0786, 0.5802, 0.2970



0.8075, 0.5408, 0.2753

Previews

White Background



This preview shows how the Yxy color 42.9124, 0.3759, 0.3011 looks on a white background.

Color Contrast Check

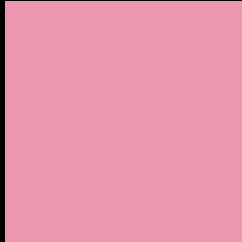
Large Text (above 18pt) WCAG AA × Fail

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 42.9124, 0.3759, 0.3011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

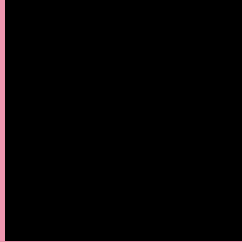
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9124, 0.3759, 0.3011

Background



This preview shows how black text looks on a background with the Yxy color 42.9124, 0.3759, 0.3011.



This preview shows how white text looks on a background with the Yxy color 42.9124, 0.3759, 0.3011.

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

42.9124, 0.3759, 0.3011

Protanopia

43.0602, 0.3015, 0.3091

Deuteranopia

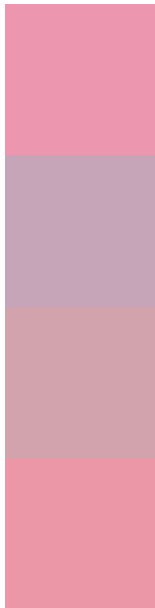
43.1973, 0.3331, 0.3265



Tritanopia

42.9337, 0.3868, 0.3168

Trichromacy



Original Color

42.9124, 0.3759, 0.3011

Protanomaly

42.3767, 0.3268, 0.3051

Deuteranomaly

42.9132, 0.3486, 0.3168

Tritanomaly

42.7561, 0.3830, 0.3111

Monochromacy



Original Color

42.9124, 0.3759, 0.3011

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.4990, 0.3336, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9124, 0.3759, 0.3011 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(237, 150, 175)` looks like.

```
.text, #text, p{  
    color:rgb(237, 150, 175)  
}
```

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(237, 150, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 150, 175) }
```

Border

The CSS property to change the border of an element to Yxy 42.9124, 0.3759, 0.3011 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(237, 150, 175) }
```

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

```
.border{ border-color:rgb(237, 150, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 150, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 150, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 150, 175);  
box-shadow:4px 4px 4px 4px rgb(237, 150,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9124, 0.3759, 0.3011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 150, 175) }
```

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

```
.background{ background-color: rgb(237,  
150, 175) }
```

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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