

Converting Colors

$Yxy(47.1697, 0.3640, 0.3025)$

Have a look what the booklet for
Yxy(47.1697, 0.3640, 0.3025)
contains.

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Color

Yxy(47.1697, 0.3640, 0.3025)

Conversions

Conversions Part 1

Format	Color
Hex	EEA1B9
RGB	238, 161, 185
RGB Percent	93%, 63%, 73%
CMY	0.0667, 0.3686, 0.2746
CMYK	0.00, 0.32, 0.22, 0.07
HSL	341°, 69%, 78%
HSV	341°, 32%, 93%
XYZ	56.7596, 47.1697, 52.0036
YIQ	186.7590, 38.1880, 23.7880

Conversions

Conversions Part 2

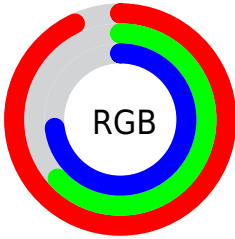
Format	Color
R _Y B	238, 161, 185
Decimal	15638969
CIE Lab	74.30, 31.84, -0.65
CIE LCh	74, 31.843, 358.834
Yxy	47.1697, 0.3640, 0.3025
Android (android.graphics.Color)	4293829049 (0xFFEEA1B9)
YUV	186.7590, -0.8672, 44.9384
Hunter-Lab	68.6802, 27.3279, 3.1826

Details

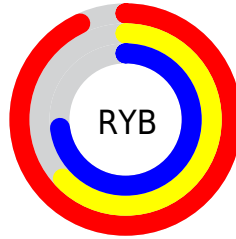
The Yxy color **47.1697, 0.3640, 0.3025** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **73.5815, 0.2790, 0.3575**, and the grayscale version is **49.5411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7226, 0.3239, 0.3043**, and **22.2148, 0.3790, 0.2946** is the 20% darker color. If you saturate the color by 10%, you get **38.9772, 0.3876, 0.2942**, and if you desaturate by 10%, it is **57.0295, 0.3444, 0.3110**.

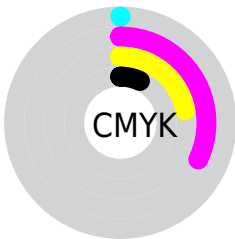
Distribution



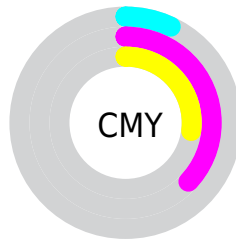
- Red (93%)
- Green (63%)
- Blue (73%)



- Red (93%)
- Yellow (63%)
- Blue (73%)



- Cyan (0%)
- Magenta (32%)
- Yellow (22%)
- Black (7%)





- Cyan (7%)
- Magenta (37%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1697, 0.3640, 0.3025 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 47.1697, 0.3640, 0.3025 by changing the saturation by 10% instead.


 47.1697, 0.3640,
0.3025


 47.1697, 0.3640,
0.3025


375.4915, 0.3384,
0.3157

 33.1698, 0.3703,
0.2992


 85.9669, 0.3547,
0.3073

 22.2566, 0.3785,
0.2951


 111.5330, 0.3513,
0.3091

 14.0456, 0.3892,
0.2896


141.7233, 0.3483,
0.3106

 8.1524, 0.4042,
0.2819

176.9221, 0.3458,
0.3119

 4.1926, 0.4263,
0.2707

217.5140, 0.3436,
0.3130

 1.7819, 0.4620,
0.2526

263.8833, 0.3417,

 0.4758, 0.5542,

0.3140

0.2041

316.4143, 0.3400,
0.3149

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.1697, 0.3640,
0.3025

47.1697, 0.3640,
0.3025

38.9772, 0.3876,
0.2942

57.0295, 0.3444,
0.3110

32.3525, 0.4157,
0.2868

68.6354, 0.3284,
0.3194

27.1960, 0.4479,
0.2812

82.0693, 0.3154,
0.3272

23.3934, 0.4833,
0.2788

96.6325, 0.3048,
0.3334

■ 20.8136, 0.5195,
0.2806

■ 96.9166, 0.3023,
0.3290

■ 19.2987, 0.5534,
0.2872

■ 18.6726, 0.5761,
0.2947

Harmonies

Analogous

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



47.1697, 0.3202, 0.2750



47.1697, 0.3640, 0.3025



47.1697, 0.3943, 0.3370

Triad

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



47.1697, 0.3640, 0.3025



47.1697, 0.3446, 0.4091



47.1697, 0.2318, 0.2777

Complementary

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



47.1697, 0.3640, 0.3025



73.5815, 0.2790, 0.3575

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.



47.1697, 0.2373, 0.3121



47.1697, 0.3640, 0.3025



47.1697, 0.3006, 0.3933

Square

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



47.1697, 0.3640, 0.3025



47.1697, 0.3816, 0.3995



47.1697, 0.2617, 0.3557



47.1697, 0.2457, 0.2598

Rectangle

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



47.1697, 0.3640, 0.3025



47.1697, 0.4013, 0.3608



47.1697, 0.2617, 0.3557



47.1697, 0.2314, 0.2875

Sweetspot

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



47.1719, 0.3640, 0.3025



83.7160, 0.3252, 0.3212



45.9047, 0.2960, 0.2435



17.4666, 0.3272, 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.



47.1719, 0.3640, 0.3025



48.4536, 0.3796, 0.2968



51.4584, 0.3825, 0.3450



15.8399, 0.3244, 0.3217



10.4382, 0.5721, 0.2925



0.8856, 0.5348, 0.2720

Inverse Universe

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



47.1719, 0.3640, 0.3025



48.4536, 0.3796, 0.2968



66.9992, 0.2645, 0.3122



15.8399, 0.3244, 0.3217



10.4382, 0.5721, 0.2925



0.8856, 0.5348, 0.2720

Previews

White Background



This preview shows how the Yxy color 47.1697, 0.3640, 0.3025 looks on a white background.

Color Contrast Check

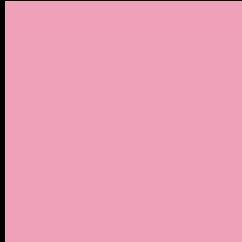
Large Text (above 18pt) WCAG AA × Fail

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 47.1697, 0.3640, 0.3025 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 47.1697, 0.3640, 0.3025

Background



This preview shows how black text looks on a background with the Yxy color 47.1697, 0.3640, 0.3025.



This preview shows how white text looks on a background with the Yxy color 47.1697, 0.3640, 0.3025.

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

47.1697, 0.3640, 0.3025

Protanopia

47.4322, 0.3011, 0.3099

Deuteranopia

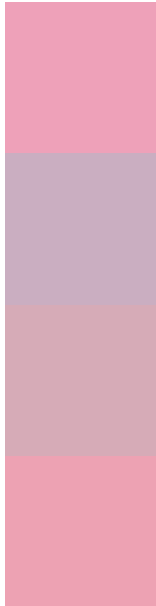
47.2392, 0.3298, 0.3228



Tritanopia

47.2941, 0.3722, 0.3157

Trichromacy



Original Color

47.1697, 0.3640, 0.3025

Protanomaly

46.6789, 0.3217, 0.3057

Deuteranomaly

46.8409, 0.3416, 0.3147

Tritanomaly

47.0999, 0.3686, 0.3101

Monochromacy



Original Color

47.1697, 0.3640, 0.3025

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.5078, 0.3307, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1697, 0.3640, 0.3025 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(238, 161, 185)` looks like.

```
.text, #text, p{  
    color:rgb(238, 161, 185)  
}
```

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(238, 161, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 161, 185) }
```

Border

The CSS property to change the border of an element to Yxy 47.1697, 0.3640, 0.3025 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(238, 161, 185) }
```

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

```
.border{ border-color:rgb(238, 161, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 161, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 161, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 161, 185);  
box-shadow:4px 4px 4px 4px rgb(238, 161,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1697, 0.3640, 0.3025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 161, 185) }
```

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

```
.background{ background-color: rgb(238,  
161, 185) }
```

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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