

Converting Colors

$Y_{xy}(41.4787, 0.3761, 0.2966)$

Have a look what the booklet for
Yxy(41.4787, 0.3761, 0.2966)
contains.

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Color

Yxy(41.4858, 0.3761, 0.2966)

Conversions

Conversions Part 1

Format	Color
Hex	EC92AF
RGB	236, 146, 175
RGB Percent	93%, 57%, 69%
CMY	0.0745, 0.4274, 0.3138
CMYK	0.00, 0.38, 0.26, 0.07
HSL	341°, 70%, 75%
HSV	341°, 38%, 93%
XYZ	52.6056, 41.4858, 45.7798
YIQ	176.2160, 44.3310, 28.0990

Conversions

Conversions Part 2

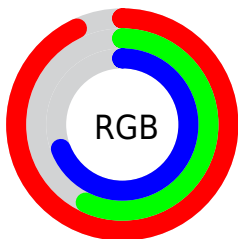
Format	Color
R _{YB}	236, 146, 175
Decimal	15504047
CIE Lab	70.51, 37.61, -0.67
CIE LCh	71, 37.617, 358.984
Yxy	41.4858, 0.3761, 0.2966
Android (android.graphics.Color)	4293694127 (0xFFEC92AF)
YUV	176.2160, -0.5995, 52.4306
Hunter-Lab	64.4095, 33.0709, 2.9455

Details

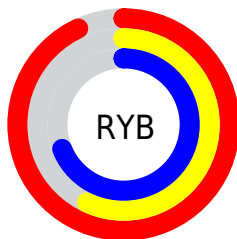
The Yxy color **41.4858, 0.3761, 0.2966** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **70.6066, 0.2744, 0.3647**, and the grayscale version is **43.5214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7465, 0.3333, 0.2999**, and **18.9004, 0.3938, 0.2870** is the 20% darker color. If you saturate the color by 10%, you get **34.3549, 0.4018, 0.2884**, and if you desaturate by 10%, it is **50.1968, 0.3546, 0.3054**.

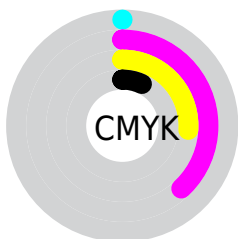
Distribution



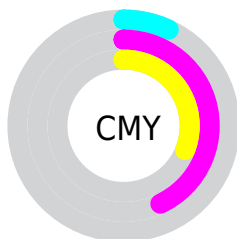
- Red (93%)
- Green (57%)
- Blue (69%)



- Red (93%)
- Yellow (57%)
- Blue (69%)



- Cyan (0%)
- Magenta (38%)
- Yellow (26%)
- Black (7%)





- Cyan (7%)
- Magenta (43%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4858, 0.3761, 0.2966 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 41.4858, 0.3761, 0.2966 by changing the saturation by 10% instead.


 41.4858, 0.3761,
0.2966

 41.4858, 0.3761,
0.2966

352.3469, 0.3439,
0.3130

 28.6989, 0.3843,
0.2924

 77.4208, 0.3643,
0.3026

 18.8531, 0.3949,
0.2871


 101.3377, 0.3599,
0.3049

 11.5642, 0.4092,
0.2798


129.7333, 0.3562,
0.3068

 6.4477, 0.4293,
0.2697

162.9921, 0.3530,
0.3084

 3.1192, 0.4598,
0.2544

201.4985, 0.3502,
0.3098

 1.1943, 0.5108,
0.2289

245.6368, 0.3478,

 0.0570, 0.8553,

0.3110

0.0498

295.7915, 0.3457,
0.3121

0.0000, 0.0000,
0.0000

41.4858, 0.3761,
0.2966

41.4858, 0.3761,
0.2966

34.3549, 0.4018,
0.2884

50.1968, 0.3546,
0.3054

28.7026, 0.4317,
0.2817

60.5696, 0.3369,
0.3141

24.4247, 0.4653,
0.2776

72.6872, 0.3225,
0.3225

21.4006, 0.5009,
0.2772

86.6254, 0.3107,
0.3304

19.4887, 0.5358,
0.2817

96.5715, 0.3011,
0.3290

■ 18.4917, 0.5668,
0.2908

■ 96.5720, 0.3011,
0.3290

■ 18.3533, 0.5722,
0.2926

Harmonies

Analogous

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



41.4858, 0.3216, 0.2639



41.4858, 0.3761, 0.2966



41.4858, 0.4136, 0.3377

Triad

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



41.4858, 0.3761, 0.2966



41.4858, 0.3505, 0.4286



41.4858, 0.2149, 0.2654

Complementary

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



41.4858, 0.3761, 0.2966



70.6066, 0.2744, 0.3647

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.



41.4858, 0.2210, 0.3068



41.4858, 0.3761, 0.2966



41.4858, 0.2968, 0.4095

Square

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



41.4858, 0.3761, 0.2966



41.4858, 0.3963, 0.4148



41.4858, 0.2499, 0.3616



41.4858, 0.2315, 0.2449

Rectangle

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



41.4858, 0.3761, 0.2966



41.4858, 0.4220, 0.3663



41.4858, 0.2499, 0.3616



41.4858, 0.2144, 0.2770

Sweetspot

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



41.4878, 0.3761, 0.2966



82.2257, 0.3264, 0.3201



39.7393, 0.2908, 0.2271



17.1701, 0.3283, 0.3190



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.



41.4878, 0.3761, 0.2966



42.4641, 0.3965, 0.2899



45.4007, 0.4006, 0.3463



15.1340, 0.3242, 0.3214



10.1381, 0.5680, 0.2903



0.8131, 0.5288, 0.2687

Inverse Universe

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



41.4878, 0.3761, 0.2966



42.4641, 0.3965, 0.2899



63.8797, 0.2570, 0.3107



15.1340, 0.3242, 0.3214



10.1381, 0.5680, 0.2903



0.8131, 0.5288, 0.2687

Previews

White Background



This preview shows how the Yxy color 41.4858, 0.3761, 0.2966 looks on a white background.

Color Contrast Check

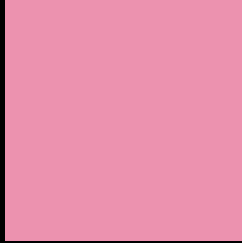
Large Text (above 18pt) WCAG AA × Fail

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 41.4858, 0.3761, 0.2966 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 41.4858, 0.3761, 0.2966

Background



This preview shows how black text looks on a background with the Yxy color 41.4858, 0.3761, 0.2966.



This preview shows how white text looks on a background with the Yxy color 41.4858, 0.3761, 0.2966.

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

41.4858, 0.3761, 0.2966

Protanopia

41.8807, 0.2973, 0.3049

Deuteranopia

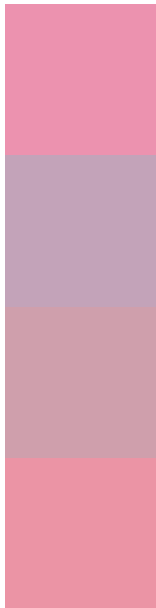
41.5249, 0.3307, 0.3238



Tritanopia

41.5254, 0.3891, 0.3167

Trichromacy



Original Color

41.4858, 0.3761, 0.2966

Protanomaly

41.2993, 0.3233, 0.3010

Deuteranomaly

41.0402, 0.3475, 0.3129

Tritanomaly

41.5586, 0.3851, 0.3099

Monochromacy



Original Color

41.4858, 0.3761, 0.2966

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.0506, 0.3340, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4858, 0.3761, 0.2966 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(236, 146, 175)` looks like.

```
.text, #text, p{  
    color:rgb(236, 146, 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(236, 146, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 146, 175) }
```

Border

The CSS property to change the border of an element to Yxy 41.4858, 0.3761, 0.2966 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(236, 146, 175) }
```

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

```
.border{ border-color:rgb(236, 146, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 146, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 146, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 146, 175);  
box-shadow:4px 4px 4px 4px rgb(236, 146,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4858, 0.3761, 0.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 146, 175) }
```

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

```
.background{ background-color: rgb(236,  
146, 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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