

Converting Colors

$Yxy(41.4861, 0.3423, 0.2553)$

Have a look what the booklet for
Yxy(41.4861, 0.3423, 0.2553)
contains.

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Color

Yxy(41.4861, 0.3423, 0.2553)

Conversions

Conversions Part 1

Format	Color
Hex	EC8DD1
RGB	236, 141, 209
RGB Percent	93%, 55%, 82%
CMY	0.0745, 0.4470, 0.1804
CMYK	0.00, 0.40, 0.11, 0.07
HSL	317°, 71%, 74%
HSV	317°, 40%, 93%
XYZ	55.6235, 41.4861, 65.3898
YIQ	177.1570, 34.7920, 41.2880

Conversions

Conversions Part 2

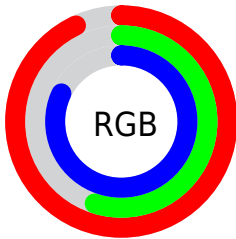
Format	Color
R _Y B	236, 141, 209
Decimal	15502801
CIE Lab	70.52, 45.31, -19.57
CIE LCh	71, 49.362, 336.638
Yxy	41.4861, 0.3423, 0.2553
Android (android.graphics.Color)	4293692881 (0xFFEC8DD1)
YUV	177.1570, 15.6986, 51.6053
Hunter-Lab	64.4097, 41.4338, -15.1054

Details

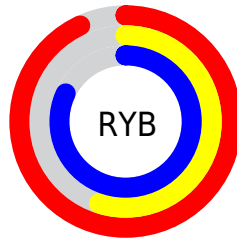
The Yxy color **41.4861, 0.3423, 0.2553** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **68.4809, 0.2925, 0.4169**, and the grayscale version is **43.9568, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9599, 0.3154, 0.2712**, and **18.7775, 0.3495, 0.2371** is the 20% darker color. If you saturate the color by 10%, you get **34.9283, 0.3524, 0.2381**, and if you desaturate by 10%, it is **49.5444, 0.3333, 0.2737**.

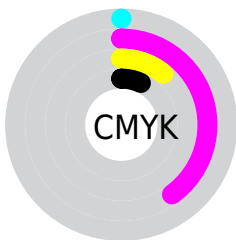
Distribution



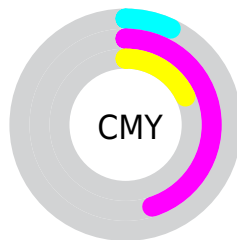
- Red (93%)
- Green (55%)
- Blue (82%)



- Red (93%)
- Yellow (55%)
- Blue (82%)



- Cyan (0%)
- Magenta (40%)
- Yellow (11%)
- Black (7%)




- Cyan (7%)
- Magenta (45%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4861, 0.3423, 0.2553 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 41.4861, 0.3423, 0.2553 by changing the saturation by 10% instead.


 41.4861, 0.3423,
0.2553

 41.4861, 0.3423,
0.2553


352.3482, 0.3283,
0.2904

 28.6991, 0.3455,
0.2471


 77.4213, 0.3374,
0.2677

 18.8533, 0.3495,
0.2368


 101.3382, 0.3355,
0.2724

 11.5643, 0.3546,
0.2236


129.7340, 0.3339,
0.2765

 6.4478, 0.3613,
0.2063

162.9929, 0.3325,
0.2800

 3.1192, 0.3703,
0.1824

201.4994, 0.3313,
0.2831

 1.1943, 0.3829,
0.1479

245.6378, 0.3302,

 0.0570, 0.4342,

0.2858

0.0206

295.7926, 0.3292,
0.2883

0.0000, 0.3245,
0.0000

0.0000, 0.0000,
0.0000

41.4861, 0.3423,
0.2553

41.4861, 0.3423,
0.2553

34.9283, 0.3524,
0.2381

49.5444, 0.3333,
0.2737

29.7701, 0.3635,
0.2231


59.1843, 0.3254,
0.2924


25.9071, 0.3752,
0.2115


70.4879, 0.3186,
0.3109

23.2180, 0.3872,
0.2041

83.5298, 0.3128,
0.3286

 21.5580, 0.3991,
0.2016

 95.7958, 0.3081,
0.3414

 20.6930, 0.4104,
0.2034

 96.2077, 0.3043,
0.3347

 96.5724, 0.3011,
0.3290

Harmonies

Analogous

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



41.4861, 0.2713, 0.2272



41.4861, 0.3423, 0.2553



41.4861, 0.4116, 0.2989

Triad

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



41.4861, 0.3423, 0.2553



41.4861, 0.4057, 0.4470



41.4861, 0.1913, 0.2818

Complementary

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



41.4861, 0.3423, 0.2553



68.4809, 0.2925, 0.4169

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.



41.4861, 0.2192, 0.3519



41.4861, 0.3423, 0.2553



41.4861, 0.3416, 0.4600

Square

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



41.4861, 0.3423, 0.2553



41.4861, 0.4476, 0.4039



41.4861, 0.2732, 0.4240



41.4861, 0.1915, 0.2369

Rectangle

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



41.4861, 0.3423, 0.2553



41.4861, 0.4428, 0.3331



41.4861, 0.2732, 0.4240



41.4861, 0.1974, 0.3030

Sweetspot

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



41.4880, 0.3423, 0.2553



81.4588, 0.3198, 0.3076



33.4250, 0.2584, 0.2117



17.0427, 0.3206, 0.3052



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.



41.4880, 0.3423, 0.2553



43.1035, 0.3503, 0.2415



39.4792, 0.3922, 0.3060



15.2365, 0.3181, 0.3123



11.4300, 0.4086, 0.2025



0.9139, 0.3936, 0.1942

Inverse Universe

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



41.4880, 0.3423, 0.2553



43.1035, 0.3503, 0.2415



70.5808, 0.2675, 0.3542



15.2365, 0.3181, 0.3123



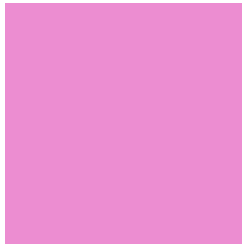
11.4300, 0.4086, 0.2025



0.9139, 0.3936, 0.1942

Previews

White Background



This preview shows how the Yxy color 41.4861, 0.3423, 0.2553 looks on a white background.

Color Contrast Check

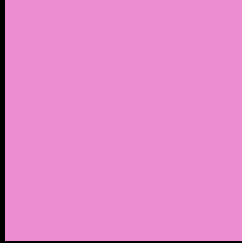
Large Text (above 18pt) WCAG AA × Fail

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 41.4861, 0.3423, 0.2553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

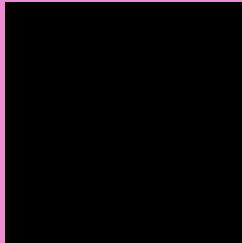
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4861, 0.3423, 0.2553

Background



This preview shows how black text looks on a background with the Yxy color 41.4861, 0.3423, 0.2553.

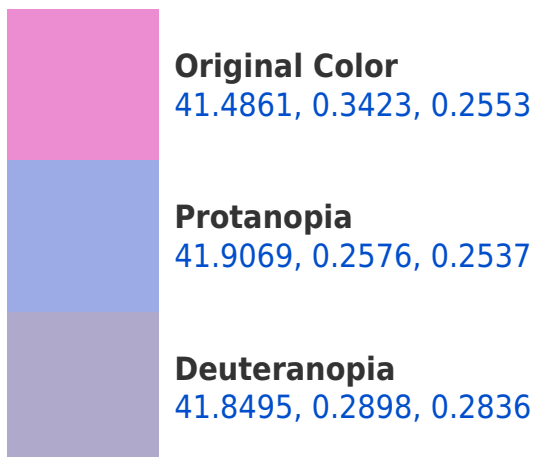


This preview shows how white text looks on a background with the Yxy color 41.4861, 0.3423, 0.2553.

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





Tritanopia

41.4103, 0.3837, 0.3154

Trichromacy



Original Color

41.4861, 0.3423, 0.2553



Protanomaly

40.7298, 0.2842, 0.2529



Deuteranomaly

41.1228, 0.3072, 0.2713



Tritanomaly

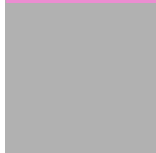
41.4457, 0.3687, 0.2929

Monochromacy



Original Color

41.4861, 0.3423, 0.2553



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

42.2308, 0.3225, 0.2977

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4861, 0.3423, 0.2553 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, 141, 209)` looks like.

```
.text, #text, p{  
    color:rgb(236, 141, 209)  
}
```

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, 141, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 141, 209) }
```

Border

The CSS property to change the border of an element to Yxy 41.4861, 0.3423, 0.2553 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, 141, 209) }
```

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

```
.border{ border-color:rgb(236, 141, 209) }
```

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

Here you see how a box with a 4 pixel rgb(236, 141, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 141, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 141, 209);  
box-shadow:4px 4px 4px 4px rgb(236, 141,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4861, 0.3423, 0.2553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 141, 209) }
```

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

```
.background{ background-color: rgb(236,  
141, 209) }
```

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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