

Converting Colors

$Y_{xy}(28.4231, 0.3967, 0.2493)$

Have a look what the booklet for
Yxy(28.4231, 0.3967, 0.2493)
contains.

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Color

Yxy(28.4947, 0.3977, 0.2500)

Conversions

Conversions Part 1

Format	Color
Hex	EB5EA8
RGB	235, 94, 168
RGB Percent	92%, 37%, 66%
CMY	0.0785, 0.6313, 0.3412
CMYK	0.00, 0.60, 0.29, 0.08
HSL	329°, 78%, 65%
HSV	329°, 60%, 92%
XYZ	45.3294, 28.4947, 40.1547
YIQ	144.5950, 60.2820, 52.9060

Conversions

Conversions Part 2

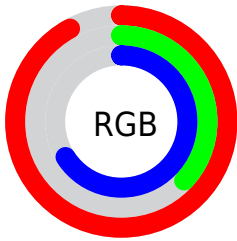
Format	Color
R _{YB}	235, 94, 168
Decimal	15425192
CIE _{Lab}	60.33, 61.62, -11.82
CIE _{LCh}	60, 62.747, 349.146
Y _{xy}	28.4947, 0.3977, 0.2500
Android (android.graphics.Color)	4293615272 (0xFFEB5EA8)
YUV	144.5950, 11.5387, 79.2852
Hunter-Lab	53.3804, 58.1621, -7.2338

Details

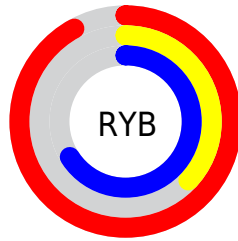
The Yxy color **28.4947, 0.3977, 0.2500** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **64.3666, 0.2733, 0.4316**, and the grayscale version is **28.0790, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.7209, 0.3452, 0.2563**, and **11.5241, 0.4254, 0.2273** is the 20% darker color. If you saturate the color by 10%, you get **24.5346, 0.4196, 0.2420**, and if you desaturate by 10%, it is **33.7652, 0.3777, 0.2612**.

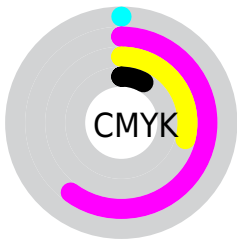
Distribution



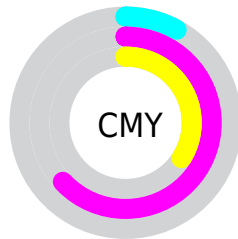
- Red (92%)
- Green (37%)
- Blue (66%)



- Red (92%)
- Yellow (37%)
- Blue (66%)



- Cyan (0%)
- Magenta (60%)
- Yellow (29%)
- Black (8%)



- Cyan (8%)
- Magenta (63%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4947, 0.3977, 0.2500 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 28.4947, 0.3977, 0.2500 by changing the saturation by 10% instead.


 28.4947, 0.3977,
0.2500


 28.4947, 0.3977,
0.2500


294.8233, 0.3532,
0.2902


 18.6989, 0.4094,
0.2398


 57.2733, 0.3811,
0.2647


 11.4529, 0.4248,
0.2268


 77.0249, 0.3750,
0.2702

 6.3723, 0.4459,
0.2094


 100.8638, 0.3699,
0.2748

 3.0728, 0.4762,
0.1852

 129.1746, 0.3655,
0.2788

 1.1698, 0.5234,
0.1499

162.3415, 0.3618,
0.2822

 0.0369, 0.6596,
0.0139

200.7490, 0.3585,

 0.0000, 1.0000,

0.2852


0.0000


244.7815, 0.3557,
0.2878


 0.0000, 0.0000,
0.0000

 28.4947, 0.3977,
0.2500


 28.4947, 0.3977,
0.2500

 24.5346, 0.4196,
0.2420


 33.7652, 0.3777,
0.2612

 21.7601, 0.4428,
0.2383


 40.4471, 0.3602,
0.2743

 20.0295, 0.4661,
0.2399

 48.6366, 0.3451,
0.2882

 19.0996, 0.4885,
0.2465

 58.4200, 0.3323,
0.3023

 19.0990, 0.4885,
0.2465

 69.8771, 0.3216,
0.3160

■ 83.0823, 0.3127,
0.3290

■ 95.8451, 0.3054,
0.3377

■ 96.4009, 0.3005,
0.3290

Harmonies

Analogous

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



28.4947, 0.2917, 0.2048



28.4947, 0.3977, 0.2500



28.4947, 0.4858, 0.3109

Triad

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



28.4947, 0.3977, 0.2500



28.4947, 0.3987, 0.5092



28.4947, 0.1455, 0.2283

Complementary

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



28.4947, 0.3977, 0.2500



64.3666, 0.2733, 0.4316

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.



28.4947, 0.1633, 0.3118



28.4947, 0.3977, 0.2500



28.4947, 0.3054, 0.5127

Square

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



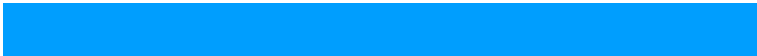
28.4947, 0.3977, 0.2500



28.4947, 0.4759, 0.4504



28.4947, 0.2188, 0.4289



28.4947, 0.1608, 0.1888

Rectangle

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



28.4947, 0.3977, 0.2500



28.4947, 0.5117, 0.3559



28.4947, 0.2188, 0.4289



28.4947, 0.1475, 0.2509

Sweetspot

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



28.4962, 0.3977, 0.2500



72.8039, 0.3301, 0.3050



21.4594, 0.2462, 0.1579



14.7785, 0.3335, 0.3009



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.



28.4962, 0.3977, 0.2500



28.6353, 0.4250, 0.2407



26.5645, 0.4952, 0.3248



15.1861, 0.3211, 0.3167



10.6562, 0.4851, 0.2446



0.8562, 0.4562, 0.2287

Inverse Universe

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



28.4962, 0.3977, 0.2500



28.6353, 0.4250, 0.2407



67.5227, 0.2412, 0.3347



15.1861, 0.3211, 0.3167



10.6562, 0.4851, 0.2446



0.8562, 0.4562, 0.2287

Previews

White Background



This preview shows how the Yxy color 28.4947, 0.3977, 0.2500 looks on a white background.

Color Contrast Check

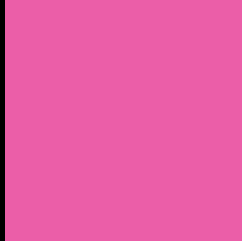
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4947, 0.3977, 0.2500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

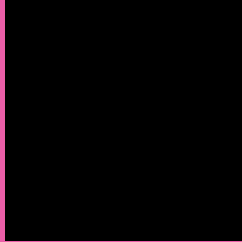
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4947, 0.3977, 0.2500

Background



This preview shows how black text looks on a background with the Yxy color 28.4947, 0.3977, 0.2500.



This preview shows how white text looks on a background with the Yxy color 28.4947, 0.3977, 0.2500.

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

28.4947, 0.3977, 0.2500

Protanopia

28.8475, 0.2492, 0.2424

Deuteranopia

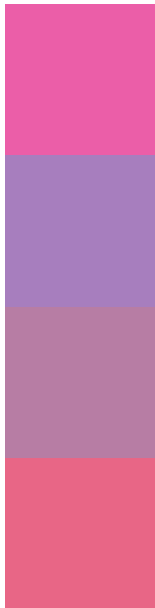
28.6915, 0.3057, 0.3000



Tritanopia

28.3460, 0.4618, 0.3206

Trichromacy



Original Color

28.4947, 0.3977, 0.2500

Protanomaly

26.8549, 0.2926, 0.2404

Deuteranomaly

27.4148, 0.3369, 0.2752

Tritanomaly

28.3798, 0.4386, 0.2940

Monochromacy



Original Color

28.4947, 0.3977, 0.2500

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

26.6866, 0.3436, 0.2904

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4947, 0.3977, 0.2500 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(235, 94, 168)` looks like.

```
.text, #text, p{  
    color:rgb(235, 94, 168)  
}
```

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(235, 94, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 94, 168) }
```

Border

The CSS property to change the border of an element to Yxy 28.4947, 0.3977, 0.2500 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(235, 94, 168) }
```

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

```
.border{ border-color:rgb(235, 94, 168) }
```

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

Here you see how a box with a 4 pixel rgb(235, 94, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 94, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 94, 168);  
box-shadow:4px 4px 4px 4px rgb(235, 94,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4947, 0.3977, 0.2500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 94, 168) }
```

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

```
.background{ background-color: rgb(235, 94,  
168) }
```

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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