

Converting Colors

$Y_{xy}(28.1649, 0.3983, 0.2406)$

Have a look what the booklet for
Yxy(28.1649, 0.3983, 0.2406)
contains.

Yxy(28.0234, 0.3972, 0.2395)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(28.0234, 0.3972, 0.2395)

Conversions

Conversions Part 1

Format	Color
Hex	EF56AD
RGB	239, 86, 173
RGB Percent	94%, 34%, 68%
CMY	0.0626, 0.6628, 0.3215
CMYK	0.00, 0.64, 0.28, 0.06
HSL	326°, 83%, 64%
HSV	326°, 64%, 94%
XYZ	46.4756, 28.0234, 42.5090
YIQ	141.6650, 63.2610, 59.4930

Conversions

Conversions Part 2

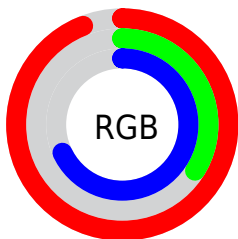
Format	Color
R _Y B	239, 86, 173
Decimal	15685293
CIE Lab	59.91, 66.71, -15.29
CIE LCh	60, 68.445, 347.087
Yxy	28.0234, 0.3972, 0.2395
Android (android.graphics.Color)	4293875373 (0xFFEF56AD)
YUV	141.6650, 15.4482, 85.3628
Hunter-Lab	52.9371, 64.0721, -10.5544

Details

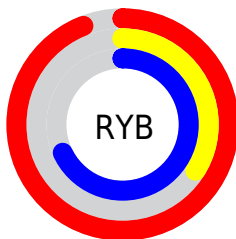
The Yxy color **28.0234, 0.3972, 0.2395** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **65.9909, 0.2753, 0.4499**, and the grayscale version is **26.8280, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.8080, 0.3414, 0.2450**, and **11.2035, 0.4225, 0.2136** is the 20% darker color. If you saturate the color by 10%, you get **24.4426, 0.4171, 0.2322**, and if you desaturate by 10%, it is **32.9133, 0.3787, 0.2505**.

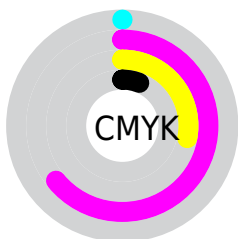
Distribution



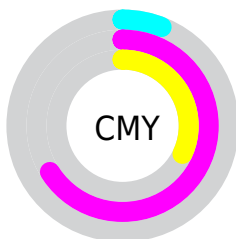
- Red (94%)
- Green (34%)
- Blue (68%)



- Red (94%)
- Yellow (34%)
- Blue (68%)



- Cyan (0%)
- Magenta (64%)
- Yellow (28%)
- Black (6%)





- Cyan (6%)
- Magenta (66%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0234, 0.3972, 0.2395 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 28.0234, 0.3972, 0.2395 by changing the saturation by 10% instead.


 28.0234, 0.3972,
0.2395

 28.0234, 0.3972,
0.2395


292.5787, 0.3534,
0.2845


 18.3433, 0.4086,
0.2283

 56.5218, 0.3809,
0.2558


 11.1967, 0.4235,
0.2140


 76.1089, 0.3749,
0.2620

 6.1993, 0.4436,
0.1952


 99.7671, 0.3699,
0.2672

 2.9667, 0.4723,
0.1696

 127.8808, 0.3656,
0.2716

 1.1144, 0.5160,
0.1332

160.8344, 0.3619,
0.2755

 0.0000, 0.6395,
0.0000

199.0124, 0.3587,


 0.0000, 1.0000,


0.2789


0.0000


242.7990, 0.3559,
0.2818


 0.0000, 0.0000,
0.0000


 28.0234, 0.3972,
0.2395


 28.0234, 0.3972,
0.2395

 24.4426, 0.4171,
0.2322


 32.9133, 0.3787,
0.2505

 22.0328, 0.4377,
0.2296


 39.2234, 0.3621,
0.2640

 20.6326, 0.4580,
0.2324

 47.0577, 0.3475,
0.2788


 20.1314, 0.4699,
0.2362

 56.5092, 0.3351,
0.2940

 67.6636, 0.3246,
0.3090

 80.6002, 0.3158,
0.3234

 95.3936, 0.3085,
0.3370

 97.0951, 0.3030,
0.3290

Harmonies

Analogous

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



28.0234, 0.2818, 0.1933



28.0234, 0.3972, 0.2395



28.0234, 0.4973, 0.3028

Triad

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



28.0234, 0.3972, 0.2395



28.0234, 0.4088, 0.5203



28.0234, 0.1338, 0.2232

Complementary

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



28.0234, 0.3972, 0.2395



65.9909, 0.2753, 0.4499

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.



28.0234, 0.1541, 0.3166



28.0234, 0.3972, 0.2395



28.0234, 0.3090, 0.5354

Square

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



28.0234, 0.3972, 0.2395



28.0234, 0.4914, 0.4508



28.0234, 0.2151, 0.4485



28.0234, 0.1478, 0.1795

Rectangle

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



28.0234, 0.3972, 0.2395



28.0234, 0.5281, 0.3497



28.0234, 0.2151, 0.4485



28.0234, 0.1365, 0.2483

Sweetspot

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



28.0248, 0.3972, 0.2395



71.6146, 0.3297, 0.3015



19.3449, 0.2337, 0.1438



14.5531, 0.3328, 0.2971



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.



28.0248, 0.3972, 0.2395



27.2670, 0.4238, 0.2308



25.9023, 0.5043, 0.3173



15.9095, 0.3204, 0.3156



11.1493, 0.4669, 0.2345



0.9474, 0.4423, 0.2210

Inverse Universe

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



28.0248, 0.3972, 0.2395



27.2670, 0.4238, 0.2308



69.2307, 0.2416, 0.3450



15.9095, 0.3204, 0.3156



11.1493, 0.4669, 0.2345



0.9474, 0.4423, 0.2210

Previews

White Background



This preview shows how the Yxy color 28.0234, 0.3972, 0.2395 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 28.0234, 0.3972, 0.2395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

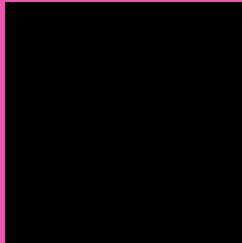
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0234, 0.3972, 0.2395

Background



This preview shows how black text looks on a background with the Yxy color 28.0234, 0.3972, 0.2395.

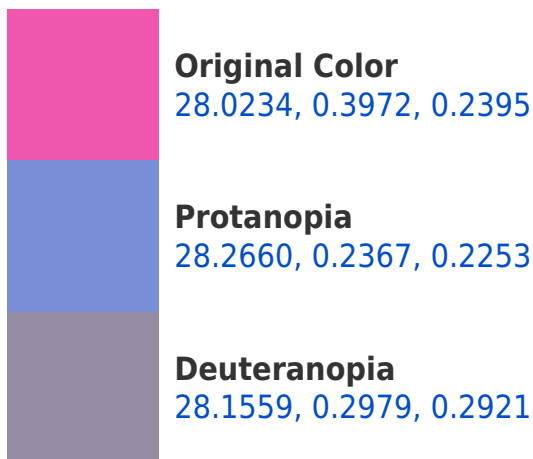


This preview shows how white text looks on a background with the Yxy color 28.0234, 0.3972, 0.2395.

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

28.0993, 0.4750, 0.3221

Trichromacy



Original Color

28.0234, 0.3972, 0.2395



Protanomaly

25.9351, 0.2812, 0.2239



Deuteranomaly

26.4470, 0.3318, 0.2644



Tritanomaly

27.8646, 0.4485, 0.2910

Monochromacy



Original Color

28.0234, 0.3972, 0.2395



Achromatopsia

27.0498, 0.3127, 0.3290



Achromatomaly

25.5661, 0.3432, 0.2845

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0234, 0.3972, 0.2395 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(239, 86, 173)` looks like.

```
.text, #text, p{  
    color:rgb(239, 86, 173)  
}
```

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(239, 86, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 86, 173) }
```

Border

The CSS property to change the border of an element to Yxy 28.0234, 0.3972, 0.2395 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(239, 86, 173) }
```

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

```
.border{ border-color:rgb(239, 86, 173) }
```

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

Here you see how a box with a 4 pixel rgb(239, 86, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 86, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 86, 173);  
box-shadow:4px 4px 4px 4px rgb(239, 86,  
173) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 28.0234, 0.3972, 0.2395$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 86, 173) }
```

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

```
.background{ background-color: rgb(239, 86,  
173) }
```

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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