

Converting Colors

$Y_{xy}(28.5379, 0.3942, 0.2441)$

Have a look what the booklet for
Yxy(28.5379, 0.3942, 0.2441)
contains.

Yxy(28.6374, 0.3950, 0.2449)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.6374, 0.3950, 0.2449)

Conversions

Conversions Part 1

Format	Color
Hex	ED5CAC
RGB	237, 92, 172
RGB Percent	93%, 36%, 67%
CMY	0.0707, 0.6390, 0.3256
CMYK	0.00, 0.61, 0.27, 0.07
HSL	327°, 80%, 65%
HSV	327°, 61%, 93%
XYZ	46.1894, 28.6374, 42.1083
YIQ	144.4750, 60.7400, 55.6200

Conversions

Conversions Part 2

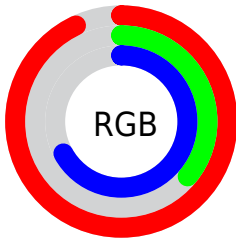
Format	Color
R_{YB}	237, 92, 172
Decimal	15555756
CIE _{Lab}	60.46, 63.53, -13.89
CIE _{LCh}	60, 65.031, 347.671
Yxy	28.6374, 0.3950, 0.2449
Android (android.graphics.Color)	4293745836 (0xFFED5CAC)
YUV	144.4750, 13.5698, 81.1444
Hunter-Lab	53.5139, 60.4189, -9.1936

Details

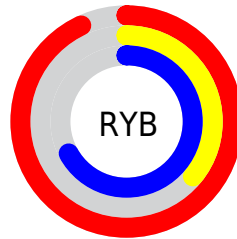
The Yxy color **28.6374, 0.3950, 0.2449** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **65.2654, 0.2748, 0.4398**, and the grayscale version is **28.0225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.3009, 0.3418, 0.2507**, and **11.4870, 0.4195, 0.2199** is the 20% darker color. If you saturate the color by 10%, you get **24.7612, 0.4156, 0.2367**, and if you desaturate by 10%, it is **33.8329, 0.3761, 0.2564**.

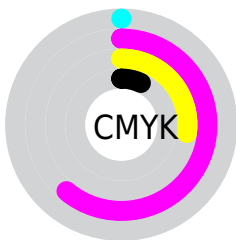
Distribution



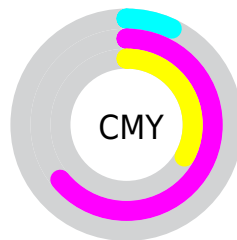
- Red (93%)
- Green (36%)
- Blue (67%)



- Red (93%)
- Yellow (36%)
- Blue (67%)



- Cyan (0%)
- Magenta (61%)
- Yellow (27%)
- Black (7%)



- Cyan (7%)
- Magenta (64%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.6374, 0.3950, 0.2449 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 28.6374, 0.3950, 0.2449 by changing the saturation by 10% instead.


 28.6374, 0.3950,
0.2449


 28.6374, 0.3950,
0.2449


295.5002, 0.3522,
0.2873


 18.8067, 0.4062,
0.2343


 57.5005, 0.3791,
0.2603

 11.5307, 0.4207,
0.2207


 77.3017, 0.3732,
0.2661

 6.4250, 0.4405,
0.2028


 101.1951, 0.3683,
0.2710

 3.1052, 0.4689,
0.1781

 129.5652, 0.3641,
0.2752

 1.1869, 0.5122,
0.1428

162.7964, 0.3605,
0.2789

 0.0510, 0.6316,
0.0174

201.2730, 0.3574,

 0.0000, 1.0000,

0.2820

0.0000

245.3795, 0.3547,
0.2848

■ 0.0000, 0.0000,
0.0000

■ 28.6374, 0.3950,
0.2449

■ 28.6374, 0.3950,
0.2449

■ 24.7612, 0.4156,
0.2367

■ 33.8329, 0.3761,
0.2564

■ 22.0749, 0.4371,
0.2331

■ 40.4522, 0.3594,
0.2699


■ 20.4303, 0.4587,
0.2347

■ 48.5945, 0.3449,
0.2845


■ 19.6300, 0.4771,
0.2402

■ 58.3487, 0.3326,
0.2992

■ 69.7968, 0.3222,
0.3137

 83.0151, 0.3136,
0.3275

 96.1962, 0.3065,
0.3375

 96.7397, 0.3017,
0.3290

Harmonies

Analogous

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



28.6374, 0.2858, 0.1998



28.6374, 0.3950, 0.2449



28.6374, 0.4884, 0.3065

Triad

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



28.6374, 0.3950, 0.2449



28.6374, 0.4046, 0.5124



28.6374, 0.1413, 0.2279

Complementary

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



28.6374, 0.3950, 0.2449



65.2654, 0.2748, 0.4398

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.



28.6374, 0.1608, 0.3161



28.6374, 0.3950, 0.2449



28.6374, 0.3090, 0.5218

Square

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



28.6374, 0.3950, 0.2449



28.6374, 0.4830, 0.4490



28.6374, 0.2193, 0.4387



28.6374, 0.1553, 0.1859

Rectangle

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



28.6374, 0.3950, 0.2449



28.6374, 0.5172, 0.3521



28.6374, 0.2193, 0.4387



28.6374, 0.1438, 0.2518

Sweetspot

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



28.6389, 0.3950, 0.2449



72.8744, 0.3292, 0.3038



20.7278, 0.2402, 0.1527



14.7957, 0.3324, 0.2995



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.



28.6389, 0.3950, 0.2449



28.4577, 0.4201, 0.2355



26.6149, 0.4943, 0.3199



15.1931, 0.3207, 0.3161



10.7470, 0.4739, 0.2384



0.8632, 0.4469, 0.2235

Inverse Universe

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



28.6389, 0.3950, 0.2449



28.4577, 0.4201, 0.2355



68.3928, 0.2424, 0.3411



15.1931, 0.3207, 0.3161



10.7470, 0.4739, 0.2384



0.8632, 0.4469, 0.2235

Previews

White Background



This preview shows how the Yxy color 28.6374, 0.3950, 0.2449 looks on a white background.

Color Contrast Check

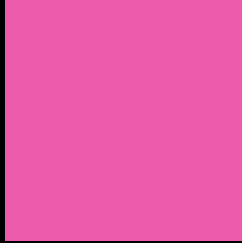
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6374, 0.3950, 0.2449 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 28.6374, 0.3950, 0.2449

Background



This preview shows how black text looks on a background with the Yxy color 28.6374, 0.3950, 0.2449.

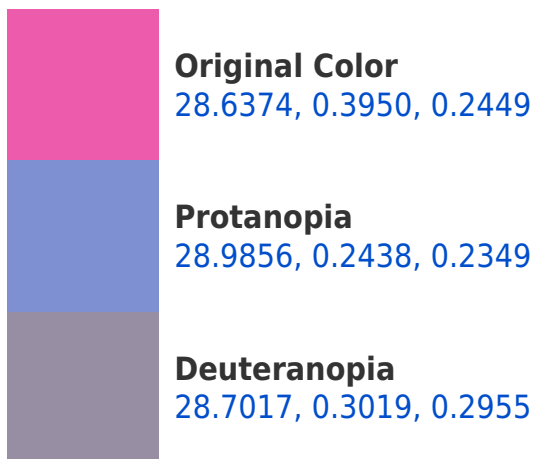


This preview shows how white text looks on a background with the Yxy color 28.6374, 0.3950, 0.2449.

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

28.6561, 0.4651, 0.3218

Trichromacy



Original Color

28.6374, 0.3950, 0.2449



Protanomaly

26.7597, 0.2861, 0.2318



Deuteranomaly

27.2726, 0.3337, 0.2699



Tritanomaly

28.5210, 0.4412, 0.2934

Monochromacy



Original Color

28.6374, 0.3950, 0.2449



Achromatopsia

27.8894, 0.3127, 0.3290



Achromatomaly

26.4653, 0.3426, 0.2876

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6374, 0.3950, 0.2449 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(237, 92, 172)` looks like.

```
.text, #text, p{  
    color:rgb(237, 92, 172)  
}
```

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(237, 92, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 92, 172) }
```

Border

The CSS property to change the border of an element to Yxy 28.6374, 0.3950, 0.2449 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(237, 92, 172) }
```

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

```
.border{ border-color:rgb(237, 92, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 92, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 92, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 92, 172);  
box-shadow:4px 4px 4px 4px rgb(237, 92,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6374, 0.3950, 0.2449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 92, 172) }
```

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

```
.background{ background-color: rgb(237, 92,  
172) }
```

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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