

Converting Colors

$Y_{xy}(28.1361, 0.3767, 0.2416)$

Have a look what the booklet for
Yxy(28.1361, 0.3767, 0.2416)
contains.

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Color

Yxy(28.2008, 0.3774, 0.2425)

Conversions

Conversions Part 1

Format	Color
Hex	E362B0
RGB	227, 98, 176
RGB Percent	89%, 38%, 69%
CMY	0.1097, 0.6157, 0.3098
CMYK	0.00, 0.57, 0.22, 0.11
HSL	324°, 70%, 64%
HSV	324°, 57%, 89%
XYZ	43.8886, 28.2008, 44.2026
YIQ	145.4630, 51.8460, 51.6060

Conversions

Conversions Part 2

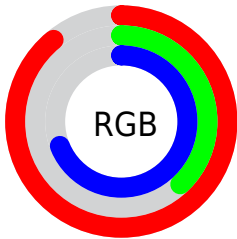
Format	Color
R _Y B	227, 98, 176
Decimal	14901936
CIE _{Lab}	60.07, 58.58, -16.94
CIE _{LCh}	60, 60.975, 343.875
Yxy	28.2008, 0.3774, 0.2425
Android (android.graphics.Color)	4293092016 (0xFFE362B0)
YUV	145.4630, 15.0547, 71.5079
Hunter-Lab	53.1044, 54.5900, -12.1782

Details

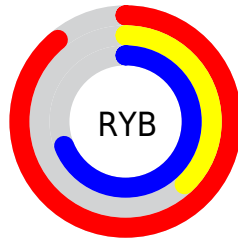
The Yxy color **28.2008, 0.3774, 0.2425** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **59.7191, 0.2797, 0.4403**, and the grayscale version is **28.4341, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1974, 0.3367, 0.2509**, and **11.2059, 0.3972, 0.2177** is the 20% darker color. If you saturate the color by 10%, you get **24.1965, 0.3944, 0.2316**, and if you desaturate by 10%, it is **33.4358, 0.3619, 0.2562**.

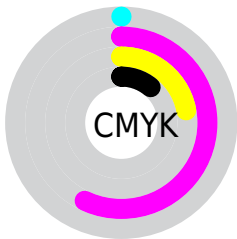
Distribution



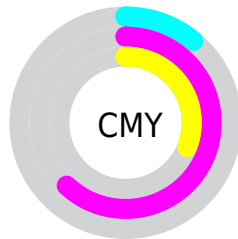
- Red (89%)
- Green (38%)
- Blue (69%)



- Red (89%)
- Yellow (38%)
- Blue (69%)



- Cyan (0%)
- Magenta (57%)
- Yellow (22%)
- Black (11%)




- Cyan (11%)
- Magenta (62%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.2008, 0.3774, 0.2425 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 28.2008, 0.3774, 0.2425 by changing the saturation by 10% instead.


 28.2008, 0.3774,
0.2425

 28.2008, 0.3774,
0.2425


293.4252, 0.3441,
0.2860


 18.4771, 0.3860,
0.2317


 56.8049, 0.3651,
0.2583

 11.2930, 0.3971,
0.2179


 76.4540, 0.3605,
0.2642

 6.2643, 0.4121,
0.1997


 100.1804, 0.3567,
0.2692

 3.0065, 0.4334,
0.1747

 128.3685, 0.3535,
0.2735

 1.1351, 0.4656,
0.1391

161.4026, 0.3506,
0.2773

 0.0077, 0.5659,
0.0027

199.6671, 0.3482,

 0.0000, 1.0000,

0.2805

0.0000

243.5465, 0.3460,
0.2834

0.0000, 0.0000,
0.0000

28.2008, 0.3774,
0.2425

28.2008, 0.3774,
0.2425

24.1965, 0.3944,
0.2316

33.4358, 0.3619,
0.2562

21.3133, 0.4124,
0.2247

39.9904, 0.3482,
0.2715

19.4295, 0.4308,
0.2227

47.9498, 0.3364,
0.2874

18.3870, 0.4487,
0.2260


57.3913, 0.3263,
0.3034


18.1486, 0.4543,
0.2276

68.3860, 0.3177,
0.3189

 81.0007, 0.3106,
0.3335

 94.0779, 0.3047,
0.3454

 94.6214, 0.2997,
0.3362

 95.0753, 0.2958,
0.3290

Harmonies

Analogous

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



28.2008, 0.2757, 0.2017



28.2008, 0.3774, 0.2425



28.2008, 0.4700, 0.3005

Triad

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



28.2008, 0.3774, 0.2425



28.2008, 0.4126, 0.4978



28.2008, 0.1493, 0.2419

Complementary

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



28.2008, 0.3774, 0.2425



59.7191, 0.2797, 0.4403

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.



28.2008, 0.1733, 0.3313



28.2008, 0.3774, 0.2425



28.2008, 0.3225, 0.5133

Square

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



28.2008, 0.3774, 0.2425



28.2008, 0.4827, 0.4367



28.2008, 0.2345, 0.4453



28.2008, 0.1587, 0.1958

Rectangle

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



28.2008, 0.3774, 0.2425



28.2008, 0.5033, 0.3442



28.2008, 0.2345, 0.4453



28.2008, 0.1533, 0.2668

Sweetspot

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



28.2022, 0.3774, 0.2425



74.3368, 0.3265, 0.3030



20.5248, 0.2410, 0.1630



15.3474, 0.3284, 0.2998



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.



28.2022, 0.3774, 0.2425



30.7979, 0.3972, 0.2302



26.2609, 0.4650, 0.3128



14.5136, 0.3198, 0.3149



10.6051, 0.4518, 0.2262



0.8019, 0.4275, 0.2129

Inverse Universe

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



28.2022, 0.3774, 0.2425



30.7979, 0.3972, 0.2302



62.3007, 0.2485, 0.3487



14.5136, 0.3198, 0.3149



10.6051, 0.4518, 0.2262



0.8019, 0.4275, 0.2129

Previews

White Background



This preview shows how the Yxy color 28.2008, 0.3774, 0.2425 looks on a white background.

Color Contrast Check

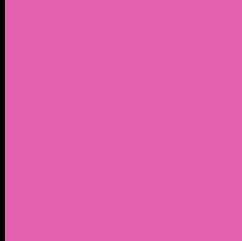
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2008, 0.3774, 0.2425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

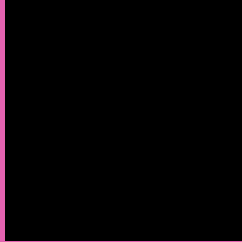
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2008, 0.3774, 0.2425

Background



This preview shows how black text looks on a background with the Yxy color 28.2008, 0.3774, 0.2425.



This preview shows how white text looks on a background with the Yxy color 28.2008, 0.3774, 0.2425.

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

28.2008, 0.3774, 0.2425

Protanopia

28.5335, 0.2421, 0.2330

Deuteranopia

28.5065, 0.2932, 0.2878



Tritanopia

28.2304, 0.4437, 0.3200

Trichromacy



Original Color

28.2008, 0.3774, 0.2425



Protanomaly

26.7870, 0.2804, 0.2320



Deuteranomaly

27.2474, 0.3213, 0.2650



Tritanomaly

28.0488, 0.4199, 0.2899

Monochromacy



Original Color

28.2008, 0.3774, 0.2425



Achromatopsia

28.3149, 0.3127, 0.3290



Achromatomaly

26.9526, 0.3364, 0.2887

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2008, 0.3774, 0.2425 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(227, 98, 176)` looks like.

```
.text, #text, p{  
    color:rgb(227, 98, 176)  
}
```

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(227, 98, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 98, 176) }
```

Border

The CSS property to change the border of an element to Yxy 28.2008, 0.3774, 0.2425 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(227, 98, 176) }
```

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

```
.border{ border-color:rgb(227, 98, 176) }
```

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

Here you see how a box with a 4 pixel rgb(227, 98, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 98, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 98, 176);  
box-shadow:4px 4px 4px 4px rgb(227, 98,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2008, 0.3774, 0.2425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 98, 176) }
```

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

```
.background{ background-color: rgb(227, 98,  
176) }
```

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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